the Journal
MICHIGAN
STATE MEDICAL SOCIETY
December, 1960 Volume 59, Number 12

CHILD WELFARE AND MENTAL RETARDATION

700th ISSUE OF THE MSMS JOURNAL

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Volume 59 Number 12

December, 1960

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THE COVER

This number of THE JOURNAL is dedicated to child welfare and mental retardation. In addition to excellent scientific articles, your attention is invited to two articles about the 1960 White House Conference on Youth and Children, pages 1801 and 1863.

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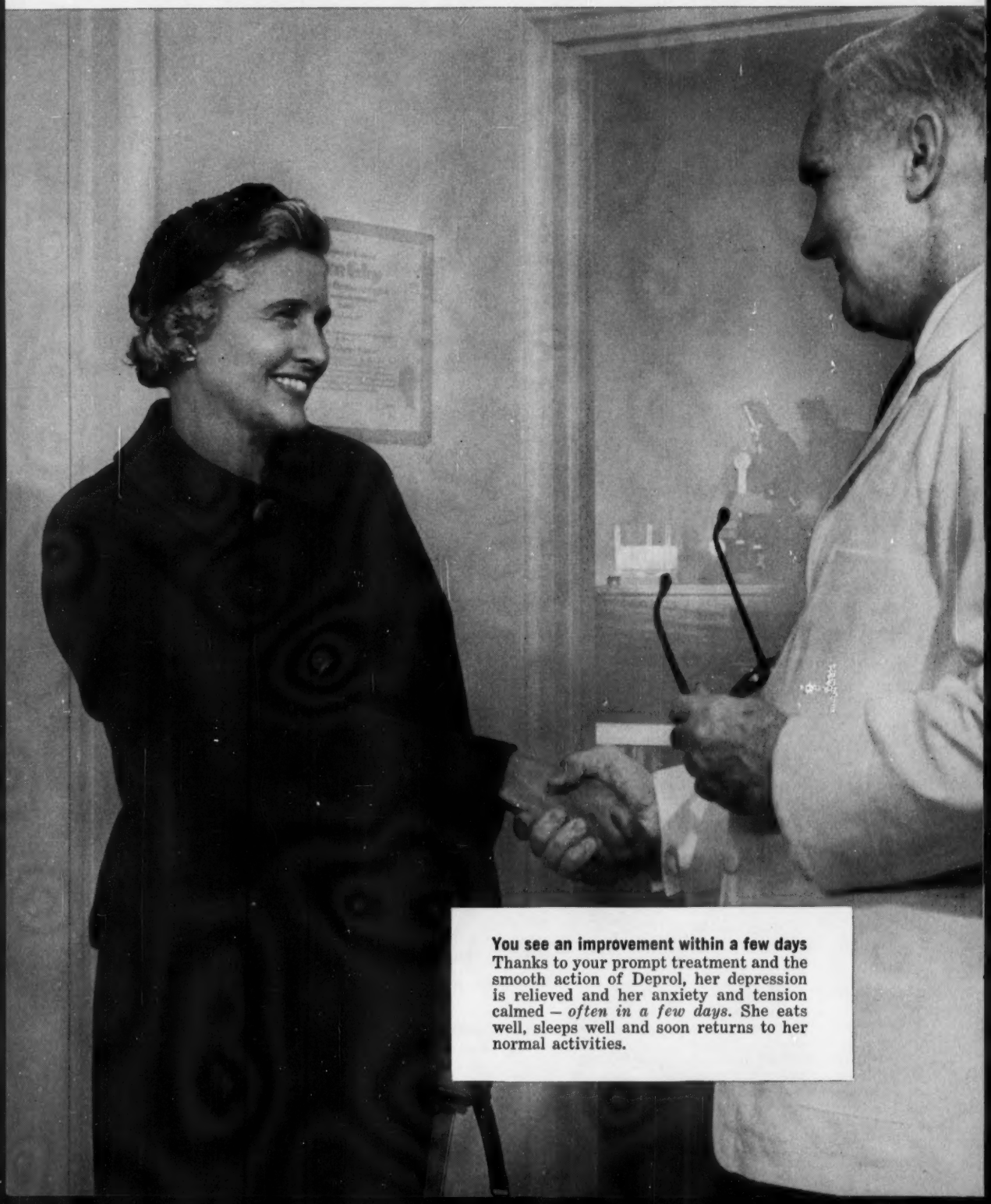

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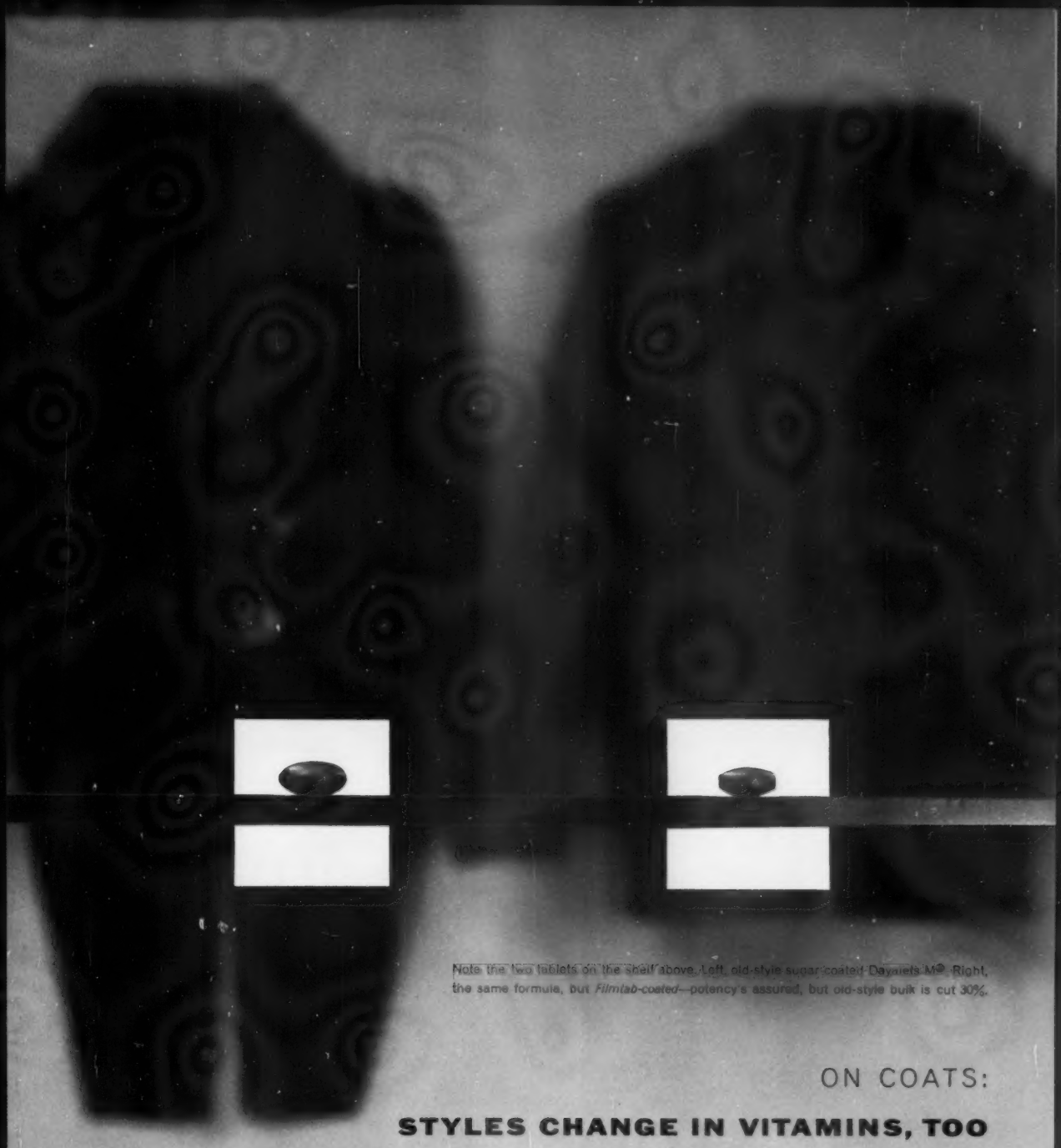

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REFERENCES:

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President's Page

AN OBLIGATION

We Michigan physicians have an immediate and continuing opportunity to serve our older citizens.

The Mills Bill, passed by Congress this fall, was supported by our efforts in the MSMS "Campaign for Freedom." The law provides medical care and hospitalization similar to Blue Cross-Blue Shield coverages, for persons sixty-five years old whose need for such care has been determined by a licensed physician.

The Michigan Legislature implemented the Mills Bill in September by passing a new "Medical Assistance for the Aged" (MAA) law, delegating eligibility and administrative authority to the individual county social welfare offices. Facts on the operations of this program, which will benefit an estimated 60,000 senior citizens annually, have been mailed to each MSMS member.

It is our continuing obligation to provide these elder patients with kind, sincere and adequate medical attention. It also is our obligation to help them in another way, by explaining the mechanics of the new program and assisting them in making application for aid.

Thus, in being helpful to this particular group of our patients, we also will be carrying out the spirit and intent of the MSMS Presidents Program, of bringing greater health and happiness to all citizens of Michigan.

Kenneth H. Hudson

Plan New TV Approach At '61 MCI in March

For the first time, a disease problem will be explored in depth over the closed circuit color television programs at the 1961 Michigan Clinical Institute refresher course, March 8-10, in Detroit.

General Chairman M. A. Darling, M.D. and TV Committee Chairman D. H. Kaump, M.D., both of Detroit, report that the new depth approach is being tried on an experimental basis. Doctor Kaump said, "The full two-hour television period will be devoted to the various approaches to a disease problem with discussion and demonstrations by doctors in specialty fields including surgery and internal medicine. The committee believes that the practicing physician will obtain a spread of information and knowledge in this detailed presentation that will materially aid him in his work."

The closed circuit TV programs this year will eminate from the operating rooms of Detroit Memorial Hospital.

The complete 1961 MCI program will appear in the January Journal. Once again, the program will be arranged in "blocks." The program for March 8 will deal with surgery in the morning and trauma in the afternoon, for March 9 with heart and rheumatic fever in the morning and internal medicine in the afternoon. MCI will end the morning of March 10 with obstetrics and gynecology.

Push Diabetes Detection

The Diabetes Committee of the Michigan State Medical Society, under the chairmanship of William M. LeFevre, M.D., Muskegon, and the Detection Committee of the Michigan Diabetes Association, chaired by Henry D. Kaine, M.D., Detroit, combined forces to push the concept that every physician's office is a diabetes detection center.

A letter asked MSMS members that they cooperate by offering free urine sugar screening tests to every patient visiting their offices during diabetes week November 13-19. Testing materials and test kits, which patients use and return for reading to the Diabetes Association were offered to all physicians.

Accepts Official Gavel

The Michigan State Medical Society Council, through William L. LeFevre, M.D., 11th District Counsellor, has advised Mrs. Joseph J. Herbert that a rosewood gavel owned by her late husband has been accepted by the Society in tribute to her husband.

The late Mr. Herbert was legal counsel to MSMS for many years and also served as Regent and Chairman of the Board of Regents of the University of Michigan for 16 years.

The gavel will be displayed in a glass case with rosewood frame, and engraved memorial plate, in the Medical Society's new headquarters in East Lansing.

HIGHLIGHTS of MSMS Council Meeting

Meetings of September 25 and 30, 1960

Eighty-two items were presented to and discussed by The Council at its two meetings in Detroit immediately preceding and during the 95th MSMS Annual Session. Chief in importance were:

- Progress Report on new MSMS headquarters was presented by K. H. Johnson, M.D., of Lansing on behalf of the Big Look Committee. Doctor Hyland praised the design of the new building which will be featured in the publication of the American Association of Architects; Treasurer Hyland also reported that the prime rate on borrowed money had declined and MSMS would benefit from this development.
- 1968 Annual Session was established for Sheraton-Cadillac Hotel, Detroit, the week of September 15.
- Councilor D. G. Pike, M.D., Traverse City, submitted his resignation from The Council to permit his taking resident postgraduate training in Washington, D. C.; the resignation was accepted with sincere regret and with the thanks of The Council for Dr. Pike's service to MSMS and its members.
- Thanks from American Medical Association for the effort of the Michigan State Medical Society membership in advocating passage of desirable legislation for care of the aged in the 1960 Congress were presented.
- State Society Dinner Dance. Final plans for this social function of September 29, during the Annual Session, were completed by The Council.
- Nomination to Medical Advisory Committee of Michigan Hospital Service: O. J. Johnson, M.D., Bay City, was nominated to fill the unexpired term (to 1963) of W. S. Jones, M.D., of Menominee who stated he would be unable to continue service on the Committee.
- Legal Counsel Lester P. Dodd presented opinion concerning dual staff in a certain up-state hospital.
- Health Care of the Aged. Public Relations Counsel reported on the September 20-21 meeting of the Michigan Conference on Aging at which recommendations of the regional conferences were not accurately reported and the MDs attending found the discussions monopolized by labor representatives. The Council approved drafting a dissenting report on the Michigan Conference of Aging, to be reported to The Council before transmission to the White House Conference on Aging. Further, Speaker Lightbody was requested to invite Public Relations Counsel to make a special brief report to the House of Delegates on untoward developments at the Michigan Conference on Aging.

  The report on the Aging Conference, and its first four recommendations, were added to the Supplemental Report of The Council, for presentation to the 1960 House of Delegates.
- State Fair Exhibit. The displays sponsored by MSMS in co-operation with Wayne County Medical Society, Oakland County Medical Society, and Macomb County Medical Society were viewed by more than 200,000 persons. The Council expressed appreciation to those physicians and others who aided in the successful conduct of the State Fair Exhibit.
- Committee Reports. The following committee reports were given consideration: (a) Advisory Committee on Insurance Problems, meeting of August 17; (b) Public Relations, August 21; (c) Committee on Alcoholism, August 25; (d) Iodized Salt, September 7; (e) Wayne Councilor District Medical Care Insurance Committee, September 15; (f) Finance Committee of The Council, September 25 (during which the complete financial picture of the Society was reviewed); (g) Medical Care Insurance Committee, August 24, and meeting of Sub-Committee on Relative Value Study, meetings of June 4-5, June 29, August 6-7; (h) Joint meeting of Medical Care Insurance Committee and Relative Value Study Sub-Committee, September 10 and RVS Committee, August 27-28; (i) Medical Care Insurance Committee, September 18; (j) Advisory Committee to Executive Director, September 25; (k) Medical Care Insurance Committee's Supplemental Annual Report (presented in person by Chairman J. W. Rice, M.D., of Jackson); (l) Advisory Committee of Past President, September 28.
- The Supplemental Annual Report of The Council (including Supplemental Report of Big Look Committee) was presented, amended in various details, and approved for submission to the House of Delegates.
- At the September 29 meeting of The Council, the new Councilors and Officers were introduced by Chairman Meier: John J. Coury, Jr., M.D., Port Huron, Councilor of 7th District; R. V. Daugharty, M.D., Cadillac, Councilor of 9th District; J. R. Dehlin, M.D., Gladstone, Councilor of 12th Dis-

(Continued on Page 1766)

NEW CHEMOTHERAPY SIMPLIFIES VAGINITIS CONTROL

CENASERT® IMPROVED TABLETS

for vaginal administration

Specifically effective against *Trichomonas vaginalis, Candida albicans* (monilia)—and the mixed bacteria associated with nonspecific vaginitis.

- provides clinically proved results without antibiotics or corticosteroids
- avoids sensitization and adverse systemic effects
- lowers cost of medication
- avoids messiness and staining

SUPPLIED: Bottles of 100 tablets, and combination packages of 30 with tablet inserter.

Each tablet contains: 1 mg. 9-aminoacridine undecylenate; 1 mg. N-myristyl-3-hydroxybutylamine hydrochloride; 1.8 mg. methylbenzethonium chloride; 12.5 mg. succinic acid; plus lactose and starch as excipients, in a rapidly disintegrating soluble vaginal tablet.

Complete literature available

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Highlights of MSMS Council Meetings

(Continued from Page 1764)

trict; Wyman C. C. Cole, Sr., M.D., Detroit, Councilor of 16th District, and O. K. Engelke, M.D., Ann Arbor, President Elect.

- A vote of official recognition and thanks to retiring Councilors and Officers was placed on the minutes of The Council. Referred to the Committee on Awards was the suggestion, emanating from Advisory Committee to Executive Director, that specific recognition of services rendered by retiring Councilors, Officers, Committee Chairman and Committeemen be devised.
- Reorganization of The Council: H. J. Meier, M.D., Coldwater, was elected to succeed himself as Chairman of The Council; T. P. Wickliffe, M.D., Calumet, was re-elected as Vice Chairman; O. B. McGillicuddy, M.D., Lansing, was returned as Chairman of the Finance Committee; W. M. LeFevre, M.D., Muskegon, was chosen Chairman of the County Societies Committee and B. M. Harris, M.D., Ypsilanti, was made Chairman of the Publication Committee.

  In scheduling meetings of The Council for 1961, The Council voted to meet under the same rules as in 1960 where the presence of 50% of The Council shall be a quorum, and if no quorum of The Council is present, a quorum of the Executive Committee of The Council shall constitute a quorum for these monthly meetings. A poll of the members was ordered taken to obtain an expression of opinion re the most convenient day on which future meetings of The Council should be held.
- Highlights of the 1960 MSMS House of Delegates actions, as drafted by the State Society staff, were ordered mailed to all members of the House of Delegates, Alternate Delegates, Councilors, Officers, Presidents, Secretaries, Editors and Executive Secretaries of County Medical Societies, AMA Delegates and Alternate Delegates.
- In connection with County Secretaries-Public Relations Seminar to be held in Lansing, January 28-29, The Council instructed that a list of suggested duties for component society secretaries be prepared in the form of a handbook for new secretaries to complement the existing pamphlet "So You've Been Elected."
- Committee Appointments. The Committee (of The Council) to Streamline 1961 Mid-Summer Council Session was appointed by Chairman Meier: O. J. Johnson, M.D., Bay City; E. S. Oldham, M.D., Breckenridge; C. Allen Payne, M.D., Grand Rapids; and Wm. J. Burns, Advisor.
- 1961 Michigan Clinical Institute Television Committee: Donald H. Kaump, M.D., Chairman; Richard J. Bing, M.D.; James B. Blodgett, M.D.; John R. Brown, M.D.; James T. Howell, M.D.; James E. Lofstrom, M.D.; and Eugene A. Osius, M.D., all of Detroit.
- Representatives were appointed (a) to AMA Conference on Disaster Medical Care, Chicago, November 4-6; C. P. Anderson, M.D., and R. J. Roney, MSMS staff Committee secretary; (b) Planning Committee for Leadership Conference on Health Education, Battle Creek, January 27-28; George W. Slagle, M.D., Battle Creek; (c) Nominees to White House Conference on Aging, January 9-12, 1961: S. E. Chapin, M.D., Dearborn; R. L. Fitts, M.D., Grand Rapids; A. H. Price, M.D., Detroit; Jack Rom, M.D., Detroit; C. H. Ross, M.D., Ann Arbor; C. W. Sellers, M.D., Detroit; F. C. Swartz, M.D., Lansing; and C. J. Tupper, M.D., Ann Arbor; (d) AMA Conference on Mental Health, Chicago, January 20-21, 1961: J. M. Dorsey, M.D., Detroit.
- Reports were received from Wm. Bromme, M.D., Detroit, on his coverage of (a) Veterans' Forum, in Indianapolis, September 17; (b) from Chairman Meier on Councilor Conferences held in all Districts prior to MSMS Annual Session; (c) from Dr. Wickliffe on his attendance at Kentucky State Medical Association meeting, September 21-22, in Louisville; (d) from PR Chairman R. W. Teed, M.D., Ann Arbor, on AMA Public Relations Institute, Chicago, August 26-27; (e) from E. C. Swanson, M.D., Vassar, and Executive Director Wm. J. Burns on AMA Disciplinary Committee, meeting in Chicago, September 12-13.

Medical Journal Editors Get Help at Conclave

A regional state medical journal editors conference covered many items recently at Lexington, Kentucky, the event sponsored by the *Journal of the Kentucky State Medical Society*. There were 19 on the program with about 79 registrants from 27 states. Among those attending were editors, medical society presidents, educators, and others.

One of the conference highlights was a panel comprised of the editors of the four award-winning journals which were honored at the 1959 State Medical Journal Advertising Bureau's Conference of Medical Journals. The four—who received plaques at the 1959 national meeting—included the Journals of the state medical societies of Michigan, Georgia, Minnesota, and the Rocky Mountain states.

There was another panel about the editorial page,

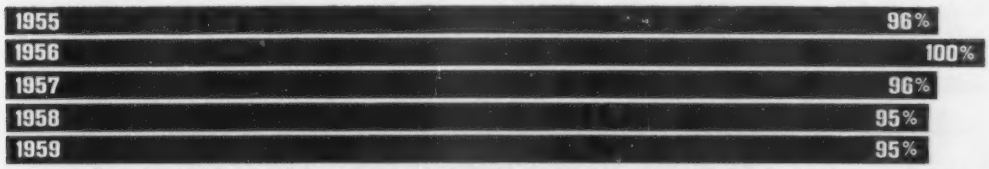
(Continued on Page 1768)

resistant
staphylococci
among
outpatients
emerge
less
frequently...
disappear
more
readily

CHLOROMYCETIN®

chloramphenicol, Parke-Davis

IN VITRO SENSITIVITY OF COAGULASE-POSITIVE STAPHYLOCOCCI TO CHLOROMYCETIN FROM 1955 TO 1959*



These sensitivity tests were done by the disc method on 310 strains of coagulase-positive staphylococci. Strains were isolated from patients seen in the emergency room. It should be noted that among inpatients, resistant strains were considerably more prevalent.

*Adapted from Bauer, A. W.; Perry, D. M., & Kirby, W. M. M.: *J.A.M.A.* 173:475, 1960.

19360

CHLOROMYCETIN (chloramphenicol, Parke-Davis) is available in various forms, including Kapseals® of 250 mg., in bottles of 16 and 100.

CHLOROMYCETIN is a potent therapeutic agent and, because certain blood dyscrasias have been associated with its administration, it should not be used indiscriminately or for minor infections. Furthermore, as with certain other drugs, adequate blood studies should be made when the patient requires prolonged or intermittent therapy.

PARKE-DAVIS

PARKE, DAVIS & COMPANY • DETROIT 32, MICHIGAN

Medical Journal Editors

(Continued from Page 1766)

what it should contain, sources of material and questions of policy. There was a discussion by the president of the pharmaceuticals manufacturers association. And there was a panel for questions. On the panel were represented the Journals of Texas, Virginia, Tennessee, and South Dakota.

There was a reception and dinner following a visit to the new—still uncompleted—medical department of the University of Kentucky, a $25 million installation.

The next day was a consideration of the changing concept of the foundation of state medical journals. A professor of journalism gave an evaluation of typography of the state medical journals. There was a discussion on tightening the belt, a survey and a study of changing advertising policies and conditions. The advertisers and pharmaceutical manufacturers are not spending so much money in advertising. The Journals making up the State Medical Journal Advertising Bureau have already this year seen a drop of 15 per cent in income and 12 per cent in number of pages.

County Secretaries---Public Relations Seminar Soon

More than 150 local medical society leaders will assemble in East Lansing on January 28-29 for a concentrated day-and-a-half meeting to explore self-improvement in the areas of county medical society activities and public relations.

County Secretaries Chairman J. B. Rowe, M.D., of Flint, and MSMS Public Relations Chairman R. W. Teed, M.D., Ann Arbor, will chair the separate workshop meetings and share leadership in developing the program.

High on the list of important subjects which will be discussed is Michigan's new Medical Assistance for the Aged program. This plan will be explored in depth with the help of the best experts on every phase of the program.

On Saturday evening, the MSMS annual Awards Banquet will be held, with awards going to MSMS members who are presidents of national medical and health organizations. In addition, awards will be made to lay individuals for their contribution in furthering medical programs and projects.

Invited to the meeting as guests of MSMS are presidents, presidents-elect, secretaries, editors, PR chairmen, and executive secretaries of county medical societies. Representatives of the Woman's Auxiliary and Medical Assistants Society also will be invited.

Honored for Long Service

Members of the Calhoun County Medical Society and invited guests recently honored Wilfrid Haughey, M.D., on his 80th birthday anniversary. Joining the Calhoun doctors at the banquet were representatives of the Kalamazoo and Jackson societies and also officials of the Michigan State Medical Society.

Admiring the certificate given to Wilfrid Haughey, M.D., on his 80th birthday anniversary, are George W. Slagle, M.D. *(right)*, past president of MSMS, and G. Thomas McKean, M.D. *(left)*, president of Michigan Medical Service.

Speakers pointed out in lauding Doctor Haughey that he had practiced medicine in Battle Creek since 1906 and had served the medical profession for 50 years in numerous and important county and State Medical Society positions. Doctor Haughey has held all offices in his county society, in 1949 was president of MSMS for a day, and has served as president of Michigan Medical Service. He has served as editor of THE JOURNAL from 1910 to 1912 and again from 1942 to date.

(Turn to Page 1774)

Michigan Medical Meetings and Clinic Days

January 20-21	Ninth Annual Symposium on Blood	Detroit
January 28-29	MSMS County Secretaries—Public Relations Seminar	East Lansing
March 8-10	Michigan Clinical Institute	Detroit

ANNOUNCING—
SPECIFICALLY FOR
INFECTIONS DUE TO
"RESISTANT" STAPHYLOCOCCI

AN ENTIRELY NEW SYNTHETI
"STAPH-CIDAL" PENICILLIN

Staphcillin

sodium dimethoxyphenyl penicillin
FOR INJECTION

UNIQUE—BECAUSE IT
RETAINS ANTIBACTERIAL
ACTIVITY IN THE PRESENCE OF
STAPHYLOCOCCAL PENICILLINASE
WHICH INACTIVATES
OTHER PENICILLINS

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NEW SYNTHETIC PENICILLIN FOR "RESISTANT" STAPH

TIC

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STAPHCILLIN™

(sodium dimethoxyphenyl penicillin)

For Injection

DESCRIPTION

STAPHCILLIN is a unique new synthetic parenteral penicillin produced by Bristol Laboratories for the specific treatment of staphylococcal infections due to resistant organisms. Its uniqueness resides in its property of resisting inactivation by staphylococcal penicillinase. It is active against strains of staphylococci which are resistant to other penicillins.

Each dry filled vial contains: 1 Gm. STAPHCILLIN (sodium dimethoxyphenyl penicillin), equivalent to 900 mg. dimethoxyphenyl penicillin activity.

INDICATIONS

STAPHCILLIN is recommended as specific therapy only in infections due to strains of staphylococci resistant to other penicillins, e.g.:

Skin and soft tissue infections: cellulitis, wound infections, carbuncles, pyoderma, furunculosis, lymphangitis and lymphadenitis.

Respiratory infections: staphylococcal lobar or bronchopneumonia, and lung abscesses combined with indicated surgical treatment.

Other infections: staphylococcal septicemia, bacteremia, acute or subacute endocarditis, acute osteomyelitis and enterocolitis.

Infections due to penicillin-sensitive staphylococci, streptococci, pneumococci and gonococci should be treated with Syncillin® or parenteral penicillin G rather than STAPHCILLIN. Treponemal infections should be treated with parenteral penicillin G.

DOSAGE AND ADMINISTRATION

STAPHCILLIN is well tolerated when given by deep intragluteal or intravenous injection.

As is the case with other antibiotics, the duration of therapy should be determined by the clinical and bacteriological response of the patient. Therapy should be continued for at least 48 hours after the patient has become afebrile, asymptomatic and cultures are negative. The usual duration has been 5-7 days.

Intramuscular route: The usual adult dose is 1 Gm. every 4 or 6 hours. Infants' and children's dosage is 25 mg. per Kg. (approximately 12 mg. per pound) every 6 hours.

Intravenous route: 1 Gm. every 6 hours using 50 ml. of sterile saline solution at the rate of 10 ml. per minute.

**Warning:* Solutions of STAPHCILLIN and kanamycin should not be mixed, as they rapidly inactivate each other. Data on the results of mixing STAPHCILLIN with other antibiotics are being accumulated.

DIRECTIONS FOR RECONSTITUTION

Add 1.5 ml. sterile distilled water or normal saline to a 1 Gm. vial and shake vigorously. Withdraw the clear, reconstituted solution (2.0 ml.) into a syringe and inject. The reconstituted solution contains 500 mg. of STAPHCILLIN per ml. Reconstituted solutions are stable for 24 hours under refrigeration.

For intravenous use, dilute the reconstituted dose in 50 ml. of sterile saline and inject at the rate of 10 ml. per minute.

*This statement supersedes that in the Official Package Circulars dated September and/or October, 1960.

(continued)

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MICROBIOLOGICAL AND PHARMACOLOGICAL PROPERTIES

In vitro studies show that STAPHCILLIN is a bactericidal penicillin with activity against staphylococci resistant to penicillin G. Strains of staphylococci so far tested have been sensitive to STAPHCILLIN *in vitro* at concentrations of 1-6 mcg. per ml. These levels are readily attained in the blood and tissues by administration of STAPHCILLIN at the recommended dosage. This unique attribute is probably due to the fact that STAPHCILLIN is stable in the presence of staphylococcal penicillinase. STAPHCILLIN also resists degradation by *B. cereus* penicillinase. The antomicrobial spectrum of STAPHCILLIN with regard to other microorganisms is qualitatively similar to that of penicillin G; but considerably higher concentrations of STAPHCILLIN are required for bactericidal activity than is the case with penicillin G.

STAPHCILLIN is rapidly absorbed after intramuscular injection. Peak blood levels (6-10 mcg./ml. on the average after a 1.0 Gm. dose) are attained within 1 hour; and then progressively decline to less than 1 mcg. over a 4 to 6 hour period. It is poorly absorbed from the gastrointestinal tract. STAPHCILLIN is rapidly excreted by the kidney.

As shown by animal studies, STAPHCILLIN is readily distributed in body tissues after intramuscular injection. Of the tissues studied, highest concentrations are reached in the kidney, liver, heart and lung in that order; the spleen and muscles show lower concentrations of the antibiotic. STAPHCILLIN diffuses into human pleural and prostatic fluids, but its diffusion into the spinal fluid has not yet been completely studied. However, one patient with meningitis showed a significant concentration in his spinal fluid while on STAPHCILLIN therapy.

Toxicity studies with STAPHCILLIN and penicillin G in animals show that they have approximately the same low order of toxicity.

Certain staphylococci can be made resistant to STAPHCILLIN in the laboratory, but this resistance is not related to their penicillinase production. During the clinical trials, no STAPHCILLIN-resistant strains of staphylococci were observed or developed; the possibility of the emergence of such strains in the clinical setting awaits further observation.

PRECAUTIONS

During the clinical trials, several mild skin reactions, e.g., itching, papular eruption and erythema were observed both during and after discontinuance of STAPHCILLIN therapy. Patients with histories of hay fever, asthma, urticaria and previous sensitivity to penicillin are more likely to react adversely to the penicillins. It is important that the possibility of penicillin anaphylaxis be kept in mind. Epinephrine and the usual adjuvants (antihistamines, corticosteroids) should be available for emergency treatment. Because of the resistance of STAPHCILLIN to destruction by penicillinase, parenteral *B. cereus* penicillinase may not be effective for the treatment of allergic reactions. Information with regard to cross-allergenicity between penicillin G, penicillin V, phenethicillin (Syncillin) and STAPHCILLIN is not available at present. If superinfection due to Gram-negative organisms or fungi occurs during STAPHCILLIN therapy, appropriate measures should be taken.

SUPPLY

List 79502 — 1.0 Gm. dry filled vial.

BRISTOL LABORATORIES · SYRACUSE, NEW YORK
Division of Bristol-Myers Company

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UNIQUE SYNTHETIC "STAPH-CIDAL" PENICILLIN

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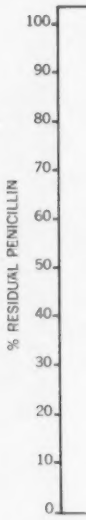

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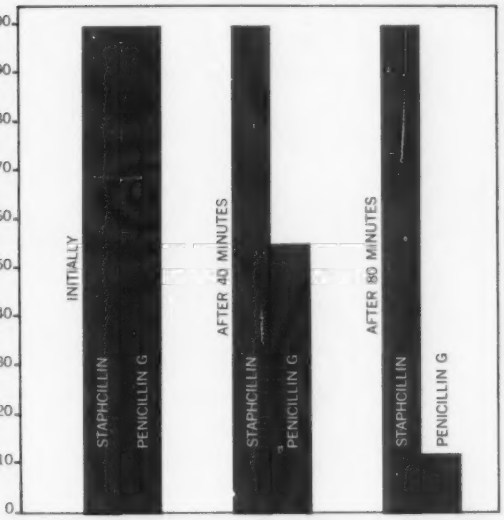

In the presence of staphylococcal penicillinase, STAPHCILLIN remained active and retained its antibacterial action. By contrast, penicillin G was rapidly destroyed in the same period of time. *(After Gourevitch et al., to be published)*

pecifically for "resistant" staph...

Staphcillin™

sodium dimethoxyphenyl penicillin
FOR INJECTION

e failure of staphylococcal infections to respond to penicillin therapy is attributed to penicillin-destroying enzyme, penicillinase, produced by the invading staphylococcus.

like other penicillins:

STAPHCILLIN is effective because it retains its antibacterial activity despite the presce of staphylococcal penicillinase.

The clinical effectiveness of STAPHCILLIN has been confirmed by dramatic results in vide variety of infections due to "resistant" staphylococci, many of which were serious l life-threatening.

ke other penicillins:

STAPHCILLIN has no significant systemic toxicity. It is well tolerated locally, and in or irritation at the injection site is comparable to that following the injection of nicillin G. *In occasional cases, typical penicillin reactions may be experienced.*

PROFESSIONAL INFORMATION SERVICE – The attached Official Package Circular provides complete information on the indications, dosage, and precautions for the use of STAPHCILLIN. If you desire additional information concerning clinical experiences with STAPHCILLIN, the Medical Department of Bristol Laboratories is at your service. You may direct your inquiries via collect telephone call to New York, PLaza 7-7061, or by mail to Medical Department, Bristol Laboratories, 630 Fifth Ave., N. Y. 20, N. Y.

RISTOL LABORATORIES · SYRACUSE, NEW YORK

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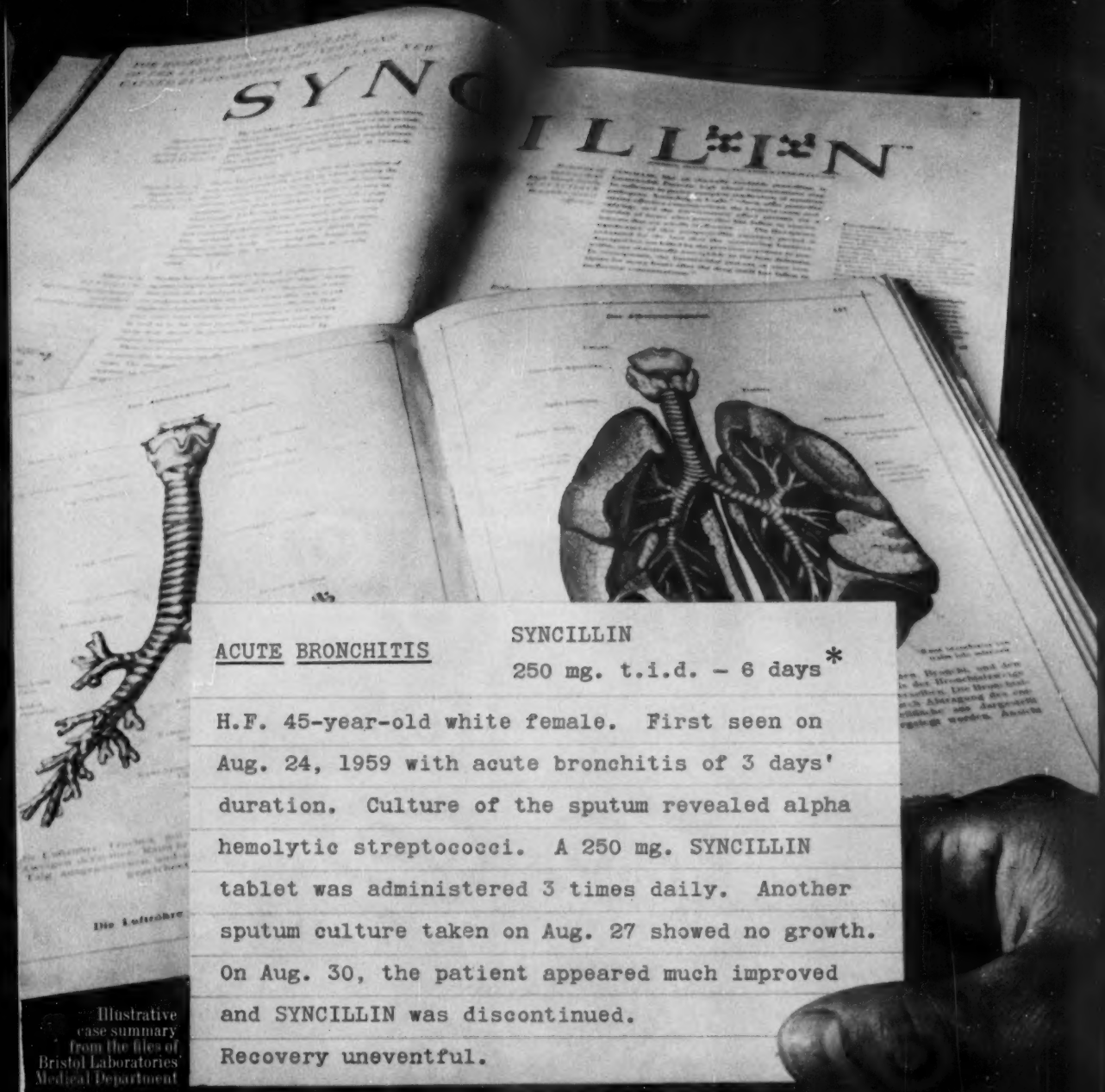


Illustrative case summary from the files of Bristol Laboratories' Medical Department

THE ORIGINAL phenethicillin

SYNCILLIN®

(phenoxyethyl penicillin potassium)

FIRST SYNTHESIZED AND MADE AVAILABLE BY BRISTOL LABORATORIES

A dosage form to meet the individual requirements of patients of all ages in home, office, clinic, and hospital:

Syncillin Tablets – 250 mg. (400,000 units)... Syncillin Tablets – 125 mg. (200,000 units)

Syncillin for Oral Solution – 60 ml. bottles – when reconstituted, 125 mg. (200,000 units) per 5 ml.

Syncillin Pediatric Drops – 1.5 Gm. bottles. Calibrated dropper delivers 125 mg. (200,000 units)

*Streptococcal infections should be treated for at least 10 days to prevent the development of rheumatic fever and as prophylaxis against bacterial endocarditis in susceptible patients.

Complete information on indications, dosage and precautions is included in the circular accompanying each package.

BRISTOL LABORATORIES, Div. of Bristol-Myers Co., SYRACUSE, N.Y.

Excerpts from Annual Report of House of Delegates Committee to Review Financial Structure of MSMS

Published upon instruction of 1960 MSMS House of Delegates which approved the Annual Report of this Committee

This Committee was originally authorized by the House of Delegates on September 27, 1955. Its first report was made on September 24, 1956. On September 25, 1956, the House of Delegates ordered the appointment of a similar committee at three-year intervals. This current committee was appointed immediately following the 1959 meeting of the House of Delegates. Members of the Committee are: Otto K. Engelke, M.D., of Washtenaw, Chairman; A. B. Gwinn, M.D., of Allegan, S. E. Chapin, M.D., of Wayne, W. B. McIntyre, M.D., of Wayne, H. B. Zemmer, M.D., of Lapeer.

Average monthly expenses of the Michigan State Medical Society are a little difficult to estimate. However, in 1957, they amounted to $36,881.00 after deducting the amount of American Medical Association membership dues which are an in-and-out item.

In 1958 they were up to $43,301.00 (after taking out the AMA). However, this included costs of the land for the new headquarters building of $65,000.00 or $5,200.00 per month average.

In 1959 they were up to $62,919.99 approximately, less AMA, but including payments on the construction of the new headquarters building.

A good estimate of current costs per month would be approximately $43,000.00, not including AMA dues and not including payments on the new headquarters building. This figure would include approximately the same 5 per cent increase in costs each year since 1957 and include the normal functions of MSMS such as printing THE JOURNAL and operating both the Michigan Clinical Institute and the Annual Session, et cetera.

* * *

THE 1960 BUDGET, which includes 1958 and 1959 expenditure figures, was received and carefully reviewed by the Committee. Past and current programs were reviewed. Future needs were examined. (See March JOURNAL MSMS, Page 469.)

Sections of the report of the auditors as of November 30, 1959, were also reviewed. (See March JOURNAL MSMS.)

The Committee also reviewed the consolidation of 1960 budget estimates of MSMS income and expense.

Membership and income figures for the depression and war years were reviewed to determine the effect of hard times and membership depletion in the resources of the Society.

It was noted that unpaid memberships reached a peak of 450 during the depression, less than 20 per cent of members and that military non-paying members reached an average of about 26 per cent for four years during the last war.

It is conceivable that during another war this figure may be much higher with many doctors pressed into military and civilian defense duties. The Committee believes therefore that an effort should be made to maintain reserves even throughout the period of new building construction and cost retirement.

The Committee noted that The Council had acted to set aside $100,000 reserves to permit the Society to meet emergencies during this period.

* * *

THE COMMITTEE CAREFULLY studied Society finances for the future including the immediate future in which a good bit of Society reserves would be used to finance the headquarters building and to continue the "Campaign for Freedom" and "Care of the Aged" educational efforts.

The Committee noted that headquarters building costs had risen even beyond the expanded cost estimated for and approved by the delegates in 1958—a standard pattern in current construction. Construction costs always exceed estimates apparently.

The 1959 MSMS House of Delegates approved the Big Look Committee's report (See Supplemental Report of The Council) that the new building would cost $602,295 exclusive of land and furnishings.

In this case, it should be noted that the present building size is more realistic in view of the anticipated rapid growth of the State and the medical profession which serves the state.

The 1960 census preliminary figures have confirmed the judgment and foresight of the Big Look Committee and The Council in providing maximum rather than minimum facilities. Too many new buildings are too small the day they are occupied. The 12,000 square feet in the original estimates would have been inadequate.

* * *

THE COMMITTEE INSPECTED the building and reviewed the plans for the completion of the headquarters. They concurred in the belief that the 20,000 feet of space provided should be sufficient for the MSMS needs for the foreseeable future unless there were an extraordinary growth of the M.D. population in Michigan.

The Committee also concurred in the belief that the headquarters provided a "quality" but not lavish home

(Continued on Page 1776)

A special formulation for those troublesome cases of acute nonspecific diarrhea

DONNAGEL®-PG

Donnagel® with paregoric equivalent

Provides greater assurance of more comprehensive relief in acute self-limiting diarrheas through the time-tested effectiveness of two outstanding antidiarrheals—DONNAGEL and a paregoric equivalent. *Tastes good, too!*

Each 30 cc. (1 fl. oz.) of DONNAGEL-PG contains:

Powdered opium U.S.P.	24.0 mg.
(equivalent to paregoric 6 ml.)	
Kaolin	8.0 Gm.
Pectin	142.8 mg.
Natural belladonna alkaloids	
hyoscyamine sulfate	0.1037 mg.
atropine sulfate	0.0194 mg.
hyoscine hydrobromide	0.0065 mg.
Phenobarbital (¼ gr.)	16.2 mg.

SUPPLIED: Pleasant-tasting banana flavored suspension in bottles of 6 fl. oz.

Also available:

DONNAGEL® with NEOMYCIN — for control of bacterial diarrheas.

DONNAGEL® — the basic formula — when paregoric or an antibiotic is not required.

A. H. ROBINS CO., INC. Robins
RICHMOND 20, VIRGINIA

Financial Structure-MSMS

(Continued from Page 1774)

for a Society which should maintain a proper public appearance.

The Committee noted that the new State Bar building costs were approximately the same per square foot as those of the new Medical Society structure and that the latter made a better appearance and was more functional.

The need for the negotiation of all or part of a $300,000.00 loan at favorable interest rates to maintain the Society and complete the headquarters was noted by the Committee.

Doctor McGillicuddy and the Committee discussed the current financial situation of the Michigan State Medical Society and advised the Committee members of his philosophy and the need for economy and necessary borrowing in 1960 to complete the new MSMS headquarters building, now under construction, and to finance the anticipated deficit in the general Society operations for the current year and future years. He also pointed to the need of an adequate income from dues to meet building and rising operation costs.

General Operation

However, the general operations of the Society indicate the following (exclusive of the new headquarters construction and future maintenance):

Estimated income from membership dues based on 5,750 members at $65.00	$373,750.00
Allocation of $15.00 per member to new headquarters fund	86,250.00
Net remaining for operations of MSMS programs	$287,500.00
With depletion of reserves, interest and miscellaneous income will be very limited. The Annual Session, Michigan Clinical Institute and THE JOURNAL usually provide sufficient funds to pay their own way or one profit will offset any loss in the other. These can then be omitted.	
The 1960 budget of all items except the above omission totals	$316,823.53
An estimated loss in 1960 on General Society operations of	$ 29,323.53

Since most or all of the present reserves will be depleted by the end of 1960, a further increase in membership dues would permit replacement of some of these emergency funds during the same period the new headquarters is being paid for. If $10.00 per member were added this would cover the deficit and leave $28,750.00 for investment in reserve funds each year. Thus by the time the new headquarters is paid off (in approximately six years) the reserves for emergencies would again be built to approximately $145,000.00. The need for such emergency funds cannot be overemphasized with such programs as the Forand-type legislation and other national and state emergency programs which are trying to change the free private practice of medicine into government-controlled and governmentally-operated services.

Salaries of the executive staff of the MSMS and member officers were reviewed. Comparisons were drawn with other societies with activities compared to those of the MSMS. The Committee found that our Society was very conservative in its reimbursement of these men. Lower echelon paid staff salaries and benefits were found to be in line with others in similar jobs in Lansing.

Conclusions

1. The officers and professional staff of the MSMS are to be commended again for their leadership in a program which is sound and well administered.

(a) The AMA Delegates and Alternates as well as members of The Council, committees and others active in the Society make a very valuable contribution to the public and Society welfare at a significant personal sacrifice in most instances.

(b) The part-time officer and full-time key professional staff salaries are conservative. Other salaries and benefits are standard for comparable work.

2. The MSMS dues picture over the past few years, while conservative, has permitted the Society to maintain its leadership among other state societies in matters of national and universal interest. This financial support has also permitted the Society to provide excellent state and local education and extraordinary services to the public and to member physicians.

At the same time, the Society has been able to provide appropriate quarters for its many activities without too much financial strain.

Rising costs cannot be ignored, however, here as elsewhere. A dues increase will be required to continue the orderly progress of the Society. The Committee recommends a ten dollar increase to $75.00 per year starting at the beginning of 1961 subject to subsequent actions of the House. This should permit a continuation of MSMS activities at their present level with the accumulation of reserves to meet unforeseeable emergencies and should permit paying off the loan on the building in about six years. The Committee recommends a dues increase rather than an assessment because dues are income tax deductible.

3. The Committee recommends the study of the establishment of a "ways and means" type of reference committee of the House of Delegates to appraise the costs of new or special House of Delegates projects before they are voted by the House.

4. The Committee recommends that another Finance Study Committee of the House be established in three years to function as have the committees of 1956 and 1960.

After a history and a physical ruled out organic disease, the physician diagnosed the case as recurring states of anxiety. To relieve these symptoms for this busy, on-the-go housewife, he prescribes Meprospan-400, the *only* meprobamate in *sustained-release* form.

As directed, the patient takes one Meprospan-400 capsule at breakfast. Her symptoms of tension and nervousness are soon relieved, and she will not have to remember to take another capsule until dinnertime.

Calm and relaxed, the patient is no longer upset by the pressures and irritations met in everyday life, nor is she likely to be incapacitated by autonomic disturbances, drowsiness, ataxia or other untoward reactions.

Alert and attentive, the patient participates in a P.T.A. meeting, following her second capsule of Meprospan-400 taken with the evening meal. Meprospan-400 does not decrease her mental efficiency or interfere with her normal activities or behavior.

Peacefully asleep, the patient enjoys beneficial rest . . . Meprospan-400 has relieved the tensions that previously prevented sleep or kept her tossing and turning throughout the night.

most widely prescribed tranquilizer . . .
most convenient dosage form . . .

ONE CAPSULE LASTS 12 HOURS

Meprospan®-400

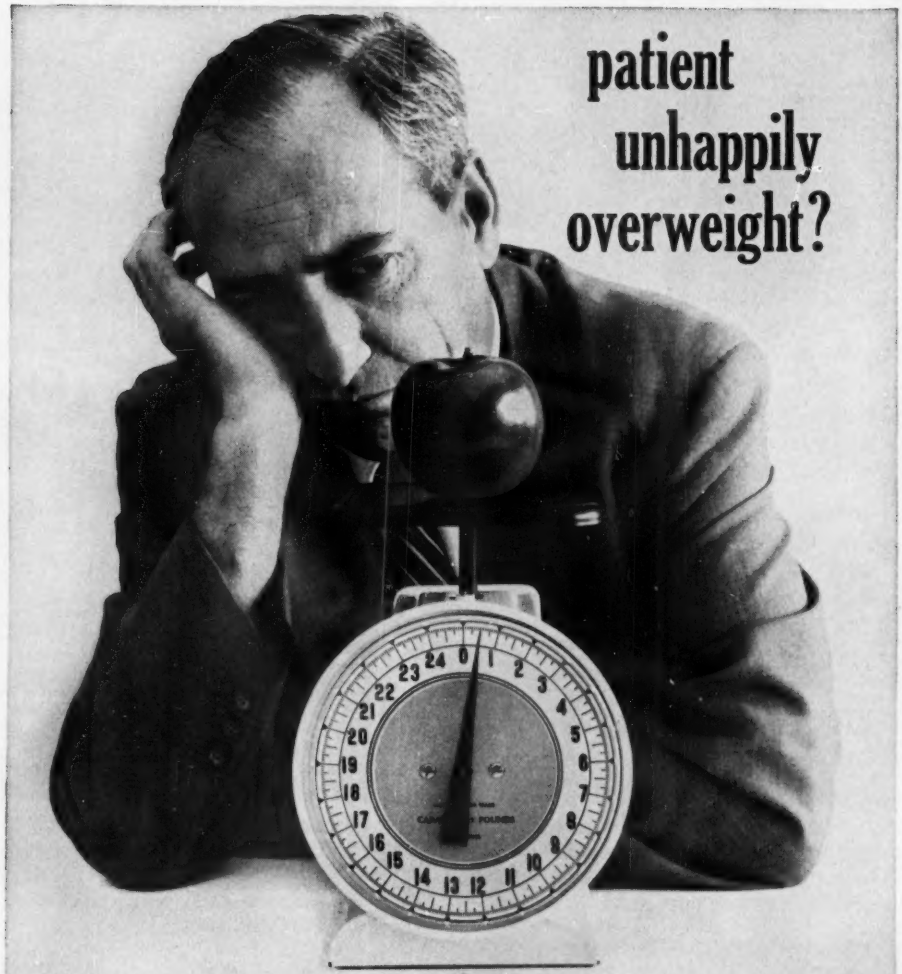
400 mg. MILTOWN® SUSTAINED-RELEASE CAPSULES

Usual dosage: One capsule at breakfast lasts all day, one capsule with evening meal lasts all night. **Supplied:** Meprospan-400, each blue-topped *sustained-release* capsule contains 400 mg. Miltown. **Also available:** Meprospan-200, each yellow-topped *sustained-release* capsule contains 200 mg. Miltown. **For children:** Capsules can be opened and the coated granules mixed with soft foods or liquids.

Both potencies in bottles of 30.

Samples and literature available on request.

WALLACE LABORATORIES / *Cranbury, N. J.*



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'METHEDRINE'®

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Controls food craving, keeps the reducer happy—In obesity, "our drug of choice has been methedrine . . . because it produces the same central effect with about one-half the dose required with plain amphetamine, because the effect is more prolonged, and because undesirable peripheral effects are significantly minimized or entirely absent."[1] Literature available on request.

Supplied: Tablets 5 mg., scored. Bottles of 100 and 1000.

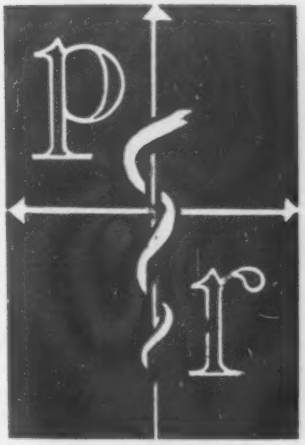
[1] Douglas, H. S.: West. J. Surg. 59:238 (May) 1951.

BURROUGHS WELLCOME & CO. (U. S. A.) INC., Tuckahoe, New York

"As Others See Us"

By R. W. Teed, M.D., Chairman,

MSMS Public Relations Committee



PART II

REPORT OF AMA PUBLIC RELATIONS INSTITUTE

On the second day of the AMA Public Relations Institute, a panel of publicists spoke on the subject "Don't Hide Your Light."

Charles Harrison, News Director of WEEK-TV in Peoria, Illinois, spoke on the difficulties in getting accurate news on accidents and illnesses about big-name people, et cetera. The attitude of the nurse on the phone and of the reporter asking for news is of importance in getting a story.

John F. Rineman, Executive Assistant of the Pennsylvania Medical Society, who viewed the problem as one of personal contact, said he tried to visit each radio and TV station in the state every year or so. Occasionally, he found that a station had problems with the local medical society, and he attempted to find solutions for these.

Loren G. Schultz, City Editor of the *Springfield* (Ohio) *Daily News*, defined public relations as "any situation, act or word that influences people." Good publicity will not make up for poor public relations, of which the basis is the Golden Rule.

James Regan, M.D., Los Angeles, AMA Physicians Advisory Committee on Radio, TV and Motion Pictures, stated that in 1954, after the sponsorship of "Medic" by the Los Angeles County Medical Association, a committee was set up by the AMA to advise medical societies on the problems of putting on good programs. This committee also advises the TV networks on drug advertising, and set up a code regarding TV handling of hypnosis. It also helped nurse recruitment by getting a nurse on "Queen for a Day."

Six PR Possibilities

A panel of six speakers titled "Six for the Sixties" presented six representative public relations programs:

Leo J. Nolan, M.D., PR Chairman of the Clear Creek Valley (Colo.) Medical Society, described the manner in which the Society reacted to an attack by a newspaper editor. (1) Distributed the Family Health Record with good results. (2) Promoted the polio immunization program by distributing 10,000 envelopes to stores which gave trading stamps. On the face of the envelope was the statement "Stamps are valuable but polio immunization is even more valuable." The stamps were placed in the envelopes. Public response was excellent. (3) Distributed plastic airways for use in mouth-to-mouth resuscitation to every physician, ambulance driver, and member of police and sheriff force. (4) Built a home for the aged in cooperation with the federal government.

Elden E. Husten, Administrator of the Iowa Physician's Political League, Des Moines, described the formation of the League in order to encourage physicians to become active politically. An organization of this type is necessary because the State Medical Society cannot engage in political activities. The objects are (1) to elect friends of medicine, (2) to encourage the best candidates to run, (3) to solicit funds and (4) to stimulate doctors to vote and to become active in political affairs. One physician in each county society is appointed to serve as contact man with the local representative and candidates. All of the eight districts in the state are also organized and back selected candidates.

A. J. Kuhlman, Executive Secretary of the Orleans Parish Medical Society, New Orleans, Louisiana, described the tetanus immunization program carried out by this society. Papers on the subject were collated and distributed to all members. Posters were placed in all hospitals, medical schools, drug stores, etc., and letters were sent to all trade and union organizations. News media all received releases. A satisfactory response was obtained.

John C. Kadonsky, public relations manager of the Milwaukee County (Wis.) Medical Society, described the Health Classes for Senior Citizens put on by the Society. These were held in a large public auditorium and addressed by various members of the Society. Given away were the "Health Card," and a reprint from "Today's Health" entitled "How Old Are You?" Mr. Kadonsky recommended that other societies which do this arrange a tie-in with a local TV program in order to reach shut-ins and people in old folks homes.

Orson P. Smith, Jr., M.D., Jefferson County (Ky.) Medical Society, described his county's project of presenting the doctor as a person—how he spends his time other than in his work. He found that it was difficult to get physicians to admit talents in other fields, but after considerable investigation 62 displays of interest were found and presented at the Brown Hotel in Louisville. The press took a new look and published an image of physicians trying to be productive in other fields.

Everet H. Wood, M.D., Bernalillo County (N. M.) Medical Society, described how he formed a "Future Doctors Club" in connection with the Kiwanis Club which has a vocational guidance program. He arranged a meeting with 14 outstanding students who expressed an interest in biological sciences, and explained the advantages and disadvantages of medicine as a career. He also took them in pairs through the various departments of the hospital. All of these 14 are now studying biological science. In two years, he has had a total of 47 students, 64 per cent of whom were girls.

In conclusion, I would like to repeat two quotations: the first, "Public Relations is any situation, act or word that influences people," and the second, "Public Relations is like making love—you have to participate to make it work."

Doctors Participate In MSU Career Event

For the first time, the medical profession participated in the 12th annual Career Carnival at Michigan State University.

Two Ingham doctors, Harry Schmidt, M.D. *(left)* and D. Bonta Hiscoe, M.D. *(right)* counsel with a Michigan State University student at the MSU Career Carnival.

An attractive exhibit, manned by doctors of medicine, was presented by the Michigan State Medical Society and the Ingham County Medical Society. MSMS handled the exhibit details, while the county society members manned the exhibit.

An estimated 12,000 students visited the Carnival.

"It is said by some that men will think and act for themselves; that none will disuse spirits or anything else because his neighbors do; and that moral influence is not that powerful engine contended for. Let us examine this. Let me ask the man who could maintain this position most stiffly, what compensation he will accept to go to church some Sunday and sit during the sermon with his wife's bonnet upon his head? Not a trifle, I'll venture. And why not? There would be nothing irreligious in it, nothing immoral, nothing uncomfortable—then why not? Is it not because there would be something egregiously unfashionable in it? Then it is the influence of fashion; and what is the influence of fashion but the influence that other people's actions have on our actions—the strong inclination each of us feels to do as we see all our neighbors do?"—Abraham Lincoln

Recognizing that the exchange of ideas is fundamental to medical progress, Lederle continues its Symposium program with the 10th year of scheduled meetings. Through these Symposia, sponsored by medical organizations with our cooperation, over 50,000 physicians have had the opportunity to hear and question authorities on important advances in clinical medicine and surgery. You have a standing invitation to attend any of these Symposia with your wife, for whom a special program is planned.

ANOTHER YEAR OF SYMPOSIA . . .

PORTLAND, OREGON
Wednesday, January 11, 1961
The Sheraton-Portland Hotel

MONTGOMERY, ALABAMA
Friday, January 13, 1961
The Whitley Hotel

MINNEAPOLIS, MINNESOTA
Monday, January 16, 1961
The Hotel Leamington

LEMONT, ILLINOIS
Wednesday, January 18, 1961
The White Fence Farm

CINCINNATI, OHIO
Sunday, January 22, 1961
The Netherland Hilton Hotel

NEW DORP, STATEN IS., N. Y.
Wednesday, February 15, 1961
The Tavern-on-the-Green

CHARLESTON, SOUTH CAROLINA
Thursday, February 23, 1961
The Francis-Marion Hotel

ANCHORAGE, ALASKA
Saturday, February 25, 1961
The Westward Hotel

BAKERSFIELD, CALIFORNIA
Friday, March 3, 1961
The Bakersfield Hacienda

WILLIAMSBURG, VIRGINIA
Wednesday, March 8, 1961
The Williamsburg Lodge

ALBUQUERQUE, NEW MEXICO
Saturday, March 11, 1961
The Hilton Hotel

OMAHA, NEBRASKA
Thursday, March 16, 1961
The Sheraton-Fontenelle Hotel

PHOENIX, ARIZONA
Saturday, March 18, 1961
The Westward Ho Hotel

LOUISVILLE, KENTUCKY
Thursday, March 23, 1961
The Sheraton-Seelbach Hotel

BAY SHORE, LONG ISLAND, NEW YORK
Wednesday, April 12, 1961
The LaGrange Inn

BUTTE, MONTANA
Saturday, April 22, 1961
The Finlen Hotel

ITHACA, NEW YORK
Thursday, April 27, 1961
The Statler Club

ERIE, PENNSYLVANIA
Wednesday, May 3, 1961
The Hotel Lawrence

SACRAMENTO, CALIFORNIA
Wednesday, May 10, 1961
The El Dorado Hotel

LOS ANGELES, CALIFORNIA
Wednesday, June 7, 1961
The Statler Hotel

Lederle **LEDERLE LABORATORIES, a Division of AMERICAN CYANAMID COMPANY, Pearl River, N. Y.**

Give me two good reasons

why Buttermilk is a dietary food!

LOW CALORIES, HIGH ESSENTIAL NUTRITION

One glass, or ½ pint, of plain Buttermilk (uncreamed) contains only 87 calories; a whole quart, only 350. Yet uncreamed buttermilk contains all of whole milk's complete proteins, B vitamins, and minerals. One good dietary reason!

BENEFICIAL BACTERIAL-ENZYME ACTION

For many years Buttermilk has been prescribed as an aid in promoting healthful bacterial balance in the digestive tract, especially the lower tract. Second good dietary reason!

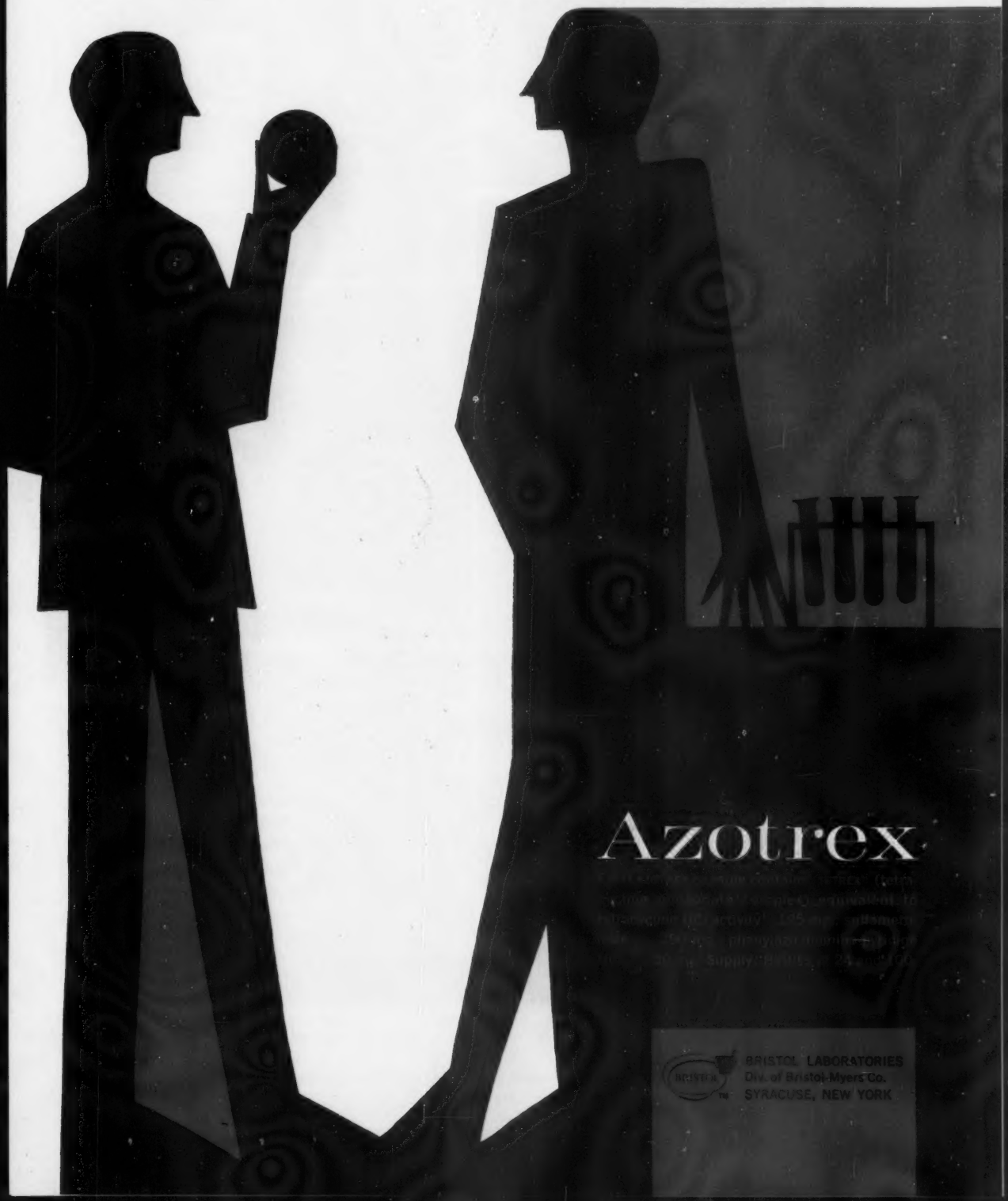
and Borden's is extra good Buttermilk!

Making buttermilk sounds simple, but certainly isn't simple at all! Borden's Buttermilk has a deserved reputation for fresh, sweet wholesome flavor.

Borden's
MICHIGAN MILK DIVISION

"Well, I'll send the culture to the lab, and we should hear from Bacteriology in a day or two. Now, how shall we treat her cystitis while we're waiting?"

"The chief usually orders AZOTREX. *The azo dye is an excellent urinary analgesic and the sulfamethizole and tetracycline are likely to take care of most of the bugs you find in the urinary tract. If necessary, you can switch to something else after you get the lab findings. But it probably won't be necessary."*

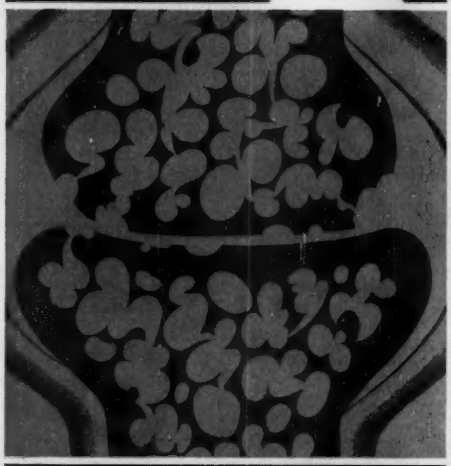


in rheumatic disorders

whenever aspirin proves inadequate

Sterazolidin®

brand of prednisone-phenylbutazone



Even in the more transient rheumatic disorders, an anti-inflammatory effect more potent than that provided by aspirin is often desirable to hasten recovery and get the patient back to work.
By combining the anti-inflammatory action of prednisone and phenylbutazone, Sterazolidin brings about exceptionally rapid resolution of inflammation with relief of symptoms and restoration of function.
Since Sterazolidin is effective in low dosage, the possibility of significant hypercortisonism, even in long-term therapy, is substantially reduced.

Availability: Each Sterazolidin® capsule contains prednisone 1.25 mg.; Butazolidin®, brand of phenylbutazone, 50 mg.; dried aluminum hydroxide gel 100 mg.; magnesium trisilicate 150 mg.; and homatropine methylbromide 1.25 mg. Bottles of 100 capsules.

Geigy, Ardsley, New York

Geigy

165-60

AMA Seeks to Advise on Wise Use of Health Care Dollars

The American Medical Association has launched a "comprehensive study and action program" to guide the consumer in spending his health care dollars more wisely.

The AMA program, dedicated to promoting the highest quality health care at the lowest cost, can help the consumer dramatically reduce his expenditures on health care without lowering the quality or effectiveness of it one bit.

Purpose of the effort is to arm the consumer with facts in the hope that he will use them.

One of these barriers is the ineffectiveness of a vast number of non-prescription or over-the-counter drug products which the AMA says is currently being used by the public in great quantities and at a cost running into millions of dollars annually.

The AMA said physicans also owe it to their patients to discourage them from "throwing their money out the window" on devices, so-called "cures," food fads, "health literature," and many other forms of quackery currently bilking the American public out of additional millions of dollars a year.

"The average American family now spends about $18 a month on non-prescription or over-the-counter products. While these drugs are safe for unsupervised use in most cases, many of them actually bring little benefit from a health standpoint and, for the most part, represent dollars wasted.

"The goal of the AMA program is a higher quality of health care for a greater number of people at a lower cost."

Blue Shield Enrollment Up

The 74 Blue Shield Plans reported a net gain of 151,394 new members during the second quarter of 1960, bringing total enrollment to 45,798,636. Blue Shield now has enrolled one of every four persons in the United States, and almost 15 per cent of the total Canadian population, the national association reports.

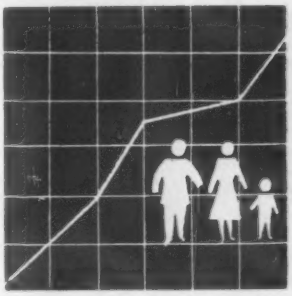
Health Insurance Benefits Gain

Health insurance benefits are up over 8% this year compared with last year. Patients collected $8.6 million a day from insurance companies in the first half of 1960, the Health Insurance Institute reports. In the same period of 1959, the sum was less than $8 million per day. Biggest hike, 26%, come in payments for major medical.

Dependents Covered, Too

Nine of ten group health insurance policies issued by insurance companies provide coverage for dependents of employees as well as the workers themselves. The Health Insurance Institute reports that in 1959, insurance companies issued nearly 21,000 new master group hospital expense policies and almost 19,000 of these extended protection of the policy to dependents of the employees.

SOCIO ECONOMICS 1785



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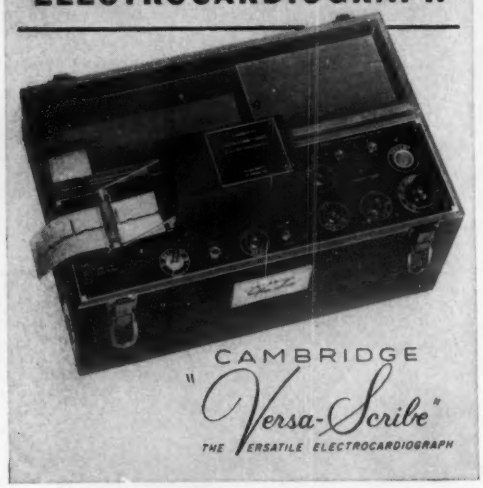

The "Versa-Scribe" is a completely new instrument offering features of convenience, superior performance and versatility not now available in any other portable direct-writing Electrocardiograph.

Use of the most modern electronic techniques, including transistors and printed circuits, combined with the craftsmanship of skilled instrument makers of long experience, has not only made possible a superior performing electrocardiograph, but one possessing fine appearance, small size (5¼" x 10½" x 17"), and low weight—20 pounds.

Send for literature or a demonstration, Doctor. The "Versa-Scribe" will be your "electrocardiograph of choice."

It does more—better!

CAMBRIDGE ALSO MAKES

the "Simpli-Scribe" Direct Writing Electrocardiograph shown, the "Simpli-Trol" Portable Model, Multi-Channel Recorders, Pulmonary Function Tester, Operating Room Cardioscopes, Educational Cardioscopes, Electrokymographs, Plethysmographs, Research pH Meters, and Instruments for Measuring Radioactivity.

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CAMBRIDGE ELECTROCARDIOGRAPHS
Pioneer Manufacturers of the Electrocardiograph

Says Senate Finds No Wrongdoing by Drug Firms

The Senate Subcommittee on Antitrust and Monopoly this fall "found no evidence of wrongdoing in the pharmaceutical industry," in spite of sensational charges stemming from an investigation.

On the contrary, according to Austin Smith, M.D., president, Pharmaceutical Manufacturers Association, "the contributions and achievements of the industry in the public interest have been recorded for posterity."

Although some critics of the industry made headlines, their charges were "demolished" on cross-examination and by the rebuttal testimony of experts, Dr. Smith said, adding, "and several witnesses admitted under questioning that they lacked professional qualifications to testify on the subjects under discussion."

U-M to Study Hospital Costs Across Nation

A major national study of hospital costs will be directed by Prof. Walter J. McNerney, director of The University of Michigan Bureau of Hospital Administration, supported by a grant of more than $126,000 from the Health Information Foundation.

The study will involve between ten and twenty general hospitals. It will relate the "input" of personnel, supplies, and equipment to the "output" of these hospitals in terms of patient services, education, research, and public health programs.

The study also will analyze relationships between costs, expenditures and sources of income for the hospitals. It will examine how expenditures vary with qualitative factors and how hospital costs compare with broad economic phenomena.

According to Prof. McNerney, the study should yield a better appreciation of the factors which comprise hospital costs, how these vary over time, how justifiable they are, how they are related to productivity, and how they fit the overall economic perspective.

Ninety per cent of the practicing physicians in the U. S. have retirement plans to provide for their old age, a national survey revealed. Of the 10 per cent without such plans, 25 per cent are under thirty-five years of age. Slightly more than 4 per cent of the MDs between fifty-five and sixty-five are without some retirement plan.

* * *

Nearly 3,000 northern California dentists have approved a prepaid dental insurance plan which would cover a family's basic dental needs at a cost of approximately $10 a month.

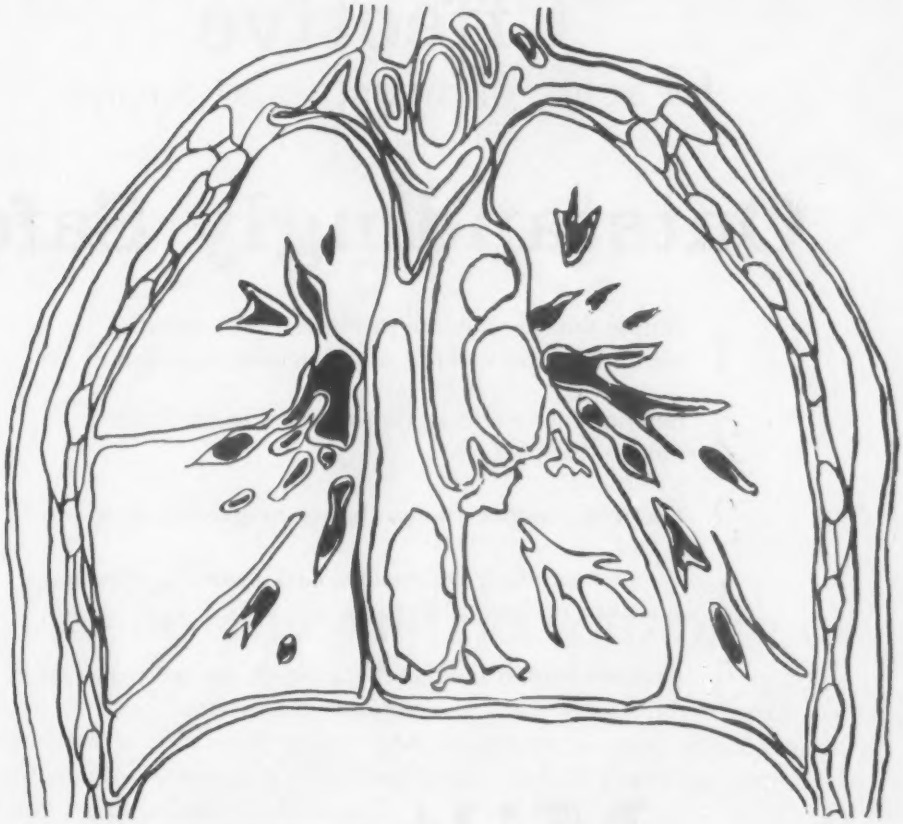
for chronic bronchitis

Tetrex® capsules

The Original Tetracycline Phosphate Complex

U.S. PAT. NO. 2,791,609

effective control of pathogens...with an unsurpassed record of safety and tolerance



SUPPLY: TETREX Capsules—tetracycline phosphate complex—each equivalent to 250 mg. tetracycline HCl activity. Bottles of 16 and 100.

TETREX Syrup—tetracycline (ammonium polyphosphate buffered) syrup—equivalent to 125 mg. tetracycline HCl activity per 5 ml. teaspoonful. Bottles of 2 fl. oz. and 1 pint.

BRISTOL LABORATORIES, SYRACUSE, NEW YORK
Div. of Bristol-Myers Co.

BRISTOL ™

In over five years

Proven
in more than 750 published clinical studies

Effective
for relief of anxiety and tension

Outstandingly Safe

1 simple dosage schedule produces rapid, reliable tranquilization without unpredictable excitation

2 no cumulative effects, thus no need for difficult dosage readjustments

3 does not produce ataxia, change in appetite or libido

4 does not produce depression, Parkinson-like symptoms, jaundice or agranulocytosis

5 does not impair mental efficiency or normal behavior

Miltown®
meprobamate (Wallace)

Usual dosage: One or two 400 mg. tablets t.i.d.
Supplied: 400 mg. scored tablets, 200 mg. sugar-coated tablets.
Also as MEPROTABS® — 400 mg. *unmarked,* coated tablets; and as MEPROSPAN® — 400 mg. and 200 mg. *continuous release* capsules.

WALLACE LABORATORIES / *Cranbury, N. J.*

CM-3537

®TRADE-MARK

# of clinical use...

...for the tense and nervous patient

Despite the introduction in recent years of "new and different" tranquilizers, Miltown continues, quietly and steadfastly, to gain in acceptance. Meprobamate (Miltown) is prescribed by the medical profession more than any other tranquilizer in the world.

The reasons are not hard to find. Miltown is a ***known*** drug. Its few side effects have been fully reported. ***There are no surprises in store for either the patient or the physician.***

NEW analgesic

Kills pain

stops tension

For neuralgias, dysmenorrhea, upper respiratory distress, postsurgical conditions... new compound kills pain, stops tension, reduces fever—gives more complete relief than other analgesics.

Soma Compound is an entirely new, totally different analgesic combination that contains three drugs. First, Soma: a new type of analgesic that has proved to be highly effective in relieving both pain and tension.* Second, phenacetin: a "standard" analgesic and antipyretic. Third, caffeine: a safe, mild stimulant for elevation of mood. As a result, the patient gets more complete relief than he does with other analgesics.

Soma Compound is nonnarcotic and nonaddicting. It reduces pain perception without impairing the natural defense reflexes.*

NEW NONNARCOTIC ANALGESIC

soma® Compound

Composition: Soma (carisoprodol), 200 mg.; phenacetin, 160 mg.; caffeine, 32 mg.
Dosage: 1 or 2 tablets q.i.d.
Supplied: Bottles of 50 apricot-colored, scored tablets.

NEW FOR MORE SEVERE PAIN

soma® Compound + codeine

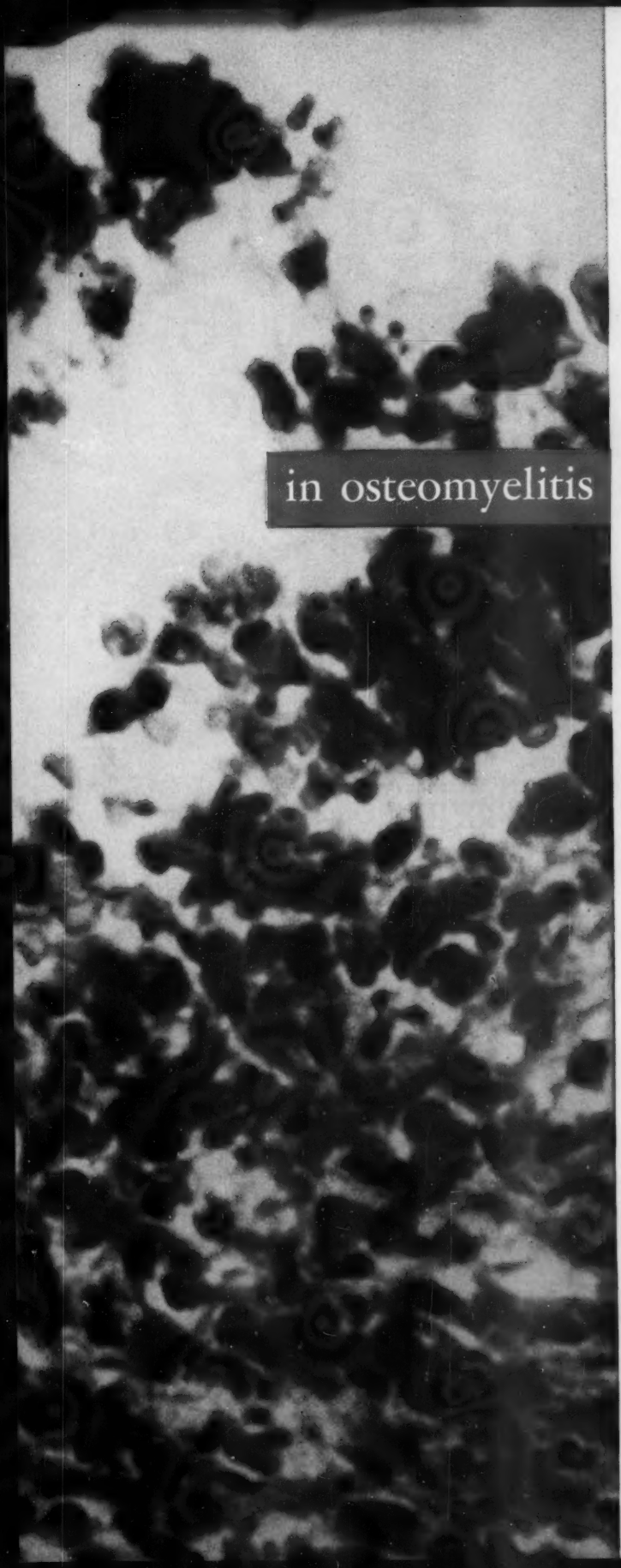
BOOSTS THE EFFECTIVENESS OF CODEINE: Soma Compound boosts the effectiveness of codeine. Therefore, only ¼ grain of codeine phosphate is supplied to relieve the more severe pain that usually requires ½ grain.

Composition: Same as Soma Compound plus ¼ grain codeine phosphate.
Dosage: 1 or 2 tablets q.i.d.
Supplied: Bottles of 50 white, lozenge-shaped tablets; subject to Federal Narcotics Regulations.

**References available on request.*

WALLACE LABORATORIES • Cranbury, N. J.

Bone section: erosion and purulent exudate



Therapeutic confidence

Panalba is effective against more than 30 commonly encountered pathogens including ubiquitous staphylococci. Right from the start, prescribing it gives you a high degree of assurance of obtaining the desired anti-infective action in this as in a wide variety of bacterial diseases.

Supplied: Capsules, each containing Panmycin* Phosphate (tetracycline phosphate complex), equivalent to 250 mg. tetracycline hydrochloride, and 125 mg. Albamycin,* as novobiocin sodium, in bottles of 16 and 100.

*Trademark, Reg. U. S. Pat. Off.

The Upjohn Company
Kalamazoo, Michigan

Upjohn

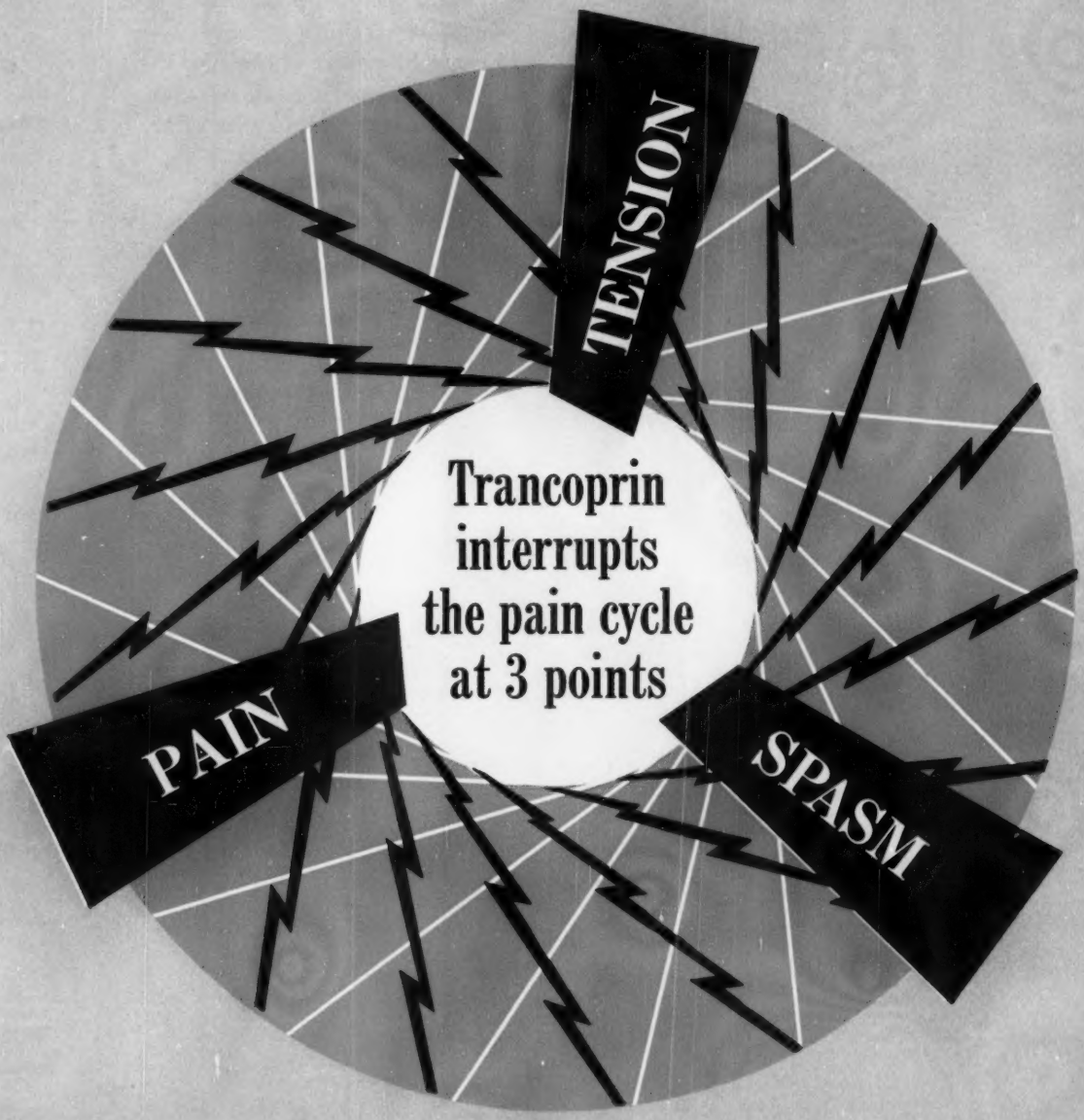
Panalba*

your broad-spectrum antibiotic of *first* resort

announcing... Trancoprin®

acetylsalicylic acid (300 mg.) and chlormezanone (50 mg.)

Tablets



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The effectiveness of Trancoprin has been demonstrated clinically[8] in a number of patients with a wide variety of painful disorders ranging from headache, dysmenorrhea and lumbago to arthritis and sciatica. In a series of 862 patients,[8] Trancoprin brought excellent or good relief of pain to 88 per cent of the group. In another series,[9] Trancoprin was administered in an industrial dispensary to 61 patients with headache, bursitis, neuritis or arthritis. The excellent results obtained prompted the prediction that Trancoprin "... will prove a valuable and safe drug for the industrial physician."[9]

Exceptionally Safe

No serious side effects have been encountered with Trancoprin. Of 923 patients treated with Trancoprin, only 22 (2.4 per cent) experienced any side effects.[8,9] In every instance, these reactions, which included temporary gastric distress, weakness or sedation, were mild and easily reversed.

Indications

Trancoprin is recommended for more comprehensive control of the pain complex (pain → tension → spasm) in those disorders in which tension and spasm are complicating factors, such as: headaches, including tension headaches / premenstrual tension and dysmenorrhea / low back pain, sciatica, lumbago / musculoskeletal pain associated with strains or sprains, myositis, fibrositis, bursitis, trauma, disc syndrome and myalgia / arthritis (rheumatoid or hypertrophic) / torticollis / neuralgia.

Dosage

The usual adult dosage is 2 Trancoprin tablets three or four times daily. The dosage for children from 5 to 12 years of age is 1 tablet three or four times daily. Trancoprin is so well tolerated that it may be taken on an empty stomach for quickest effect. The relief of symptoms is apparent in from fifteen to thirty minutes after administration and may last up to six hours or longer.

How Supplied

Each Trancoprin tablet contains 300 mg. (5 grains) of acetylsalicylic acid and 50 mg. of chlormezanone [Trancopal® brand]. Bottles of 100 and 1000.

Trancoprin Tablets **non-narcotic analgesic**

References: 1. DeNyse, D. L.: *M. Times* 87:1512, Nov., 1959. 2. Ganz, S. E.: *J. Indiana M. A.* 52:1134, July, 1959. 3. Gruenberg, Friedrich: *Current Therap. Res.* 2:1, Jan., 1960. 4. Kearney, R. D.: *Current Therap. Res.* 2:127, April, 1960. 5. Lichtman, A. L.: *Kentucky Acad. Gen. Pract. J.* 4:28, Oct., 1958. 6. Mullin, W. G., and Epifano, Leonard: *Am. Pract. & Digest Treat.* 10:1743, Oct., 1959. 7. Shanaphy, J. F.: *Current Therap. Res.* 1:59, Oct., 1959. 8. Collective Study, Department of Medical Research, Winthrop Laboratories. 9. Hergesheimer, L. H.: An evaluation of a muscle relaxant (Trancopal) alone and with aspirin (Trancoprin) in an industrial medical practice, to be submitted.

Winthrop LABORATORIES, New York 18, N. Y.

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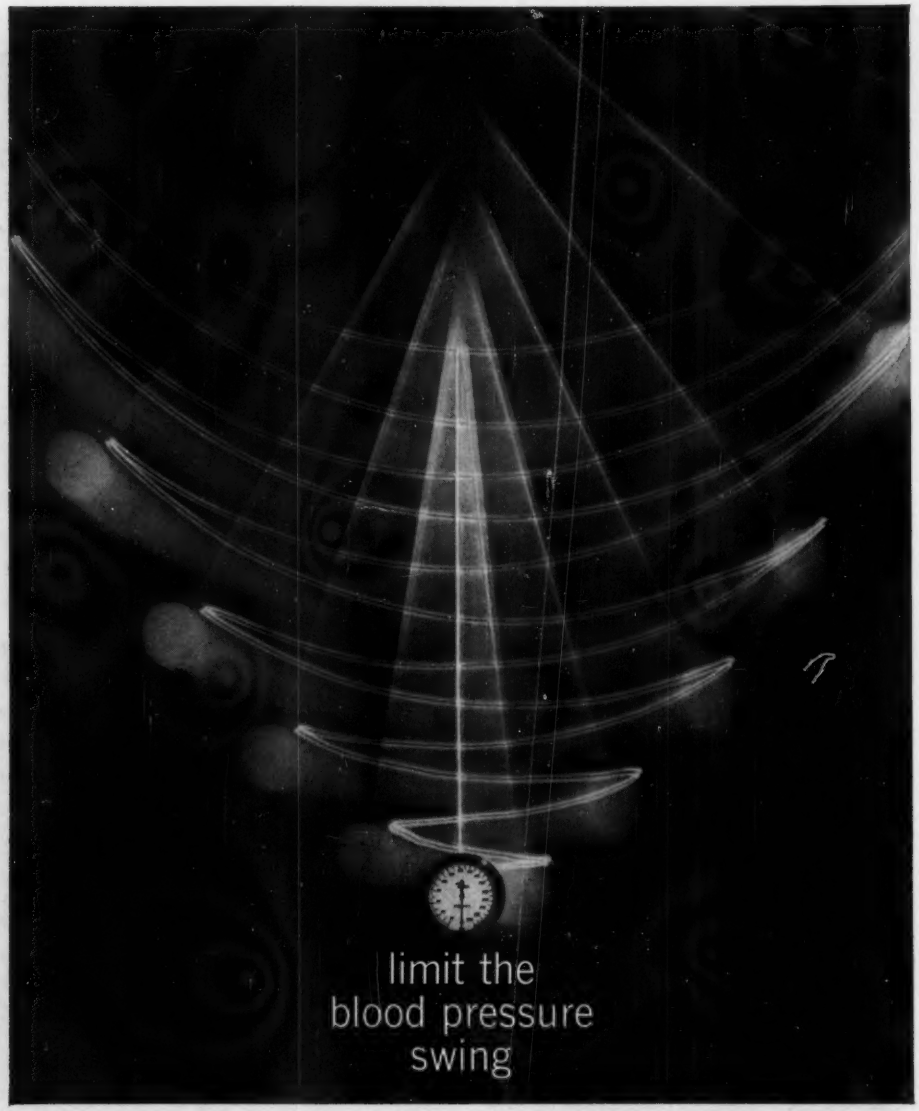

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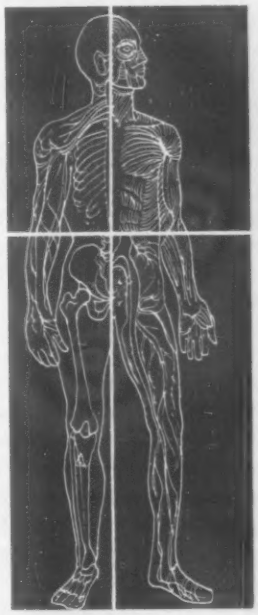
1960 White House Conference On Children and Youth

Follow-Up in Michigan

Sam Rabinovitz
Detroit, Michigan



THE PREVIOUS White House Conferences on Children and Youth which have been called by the President once every ten years have dealt with problems and needs which have changed with the times. Physicians have had an important role and have contributed in the planning, operation, and follow-up of each of these conferences. This leadership has benefited the total well-being of the nation's children. The medical profession, therefore, has a continuing role and stake in the 1960 White House Conference.

The Sixth Decennial White House Conference on Children and Youth, called by President Dwight D. Eisenhower, was held in Washington in the spring of 1960. Following the practice established in earlier conferences, it was truly a working partnership of all responsible professions, groups, agencies—both public and private—and individuals with an interest in children. This partnership was evident in the balance maintained on the planning as well as the delegate level. Of the ninety members on the broad national planning committee, there were ten Doctors of Medicine; of the fifteen vice-chairmen, three were physicians. For the first time, young people in sizable numbers were included and while government participated, it did not dominate.

The 1960 conference, following the pattern and the evolving base of previous White House Conferences, was called to consider the important needs of this generation of children and youth, just as previous conferences were convened to look at the urgent problems of young people of those generations. Thus, the first conference called by President Theodore Roosevelt in 1909 was devoted to finding ways to help needy children stay in their own homes and to keep the family together so children would not be placed in alms houses and institutions. The 1919 conference called by President Woodrow Wilson formulated the first important body of child health and child welfare standards. President Hoover directed the 1930 conference to bring together the wealth of accumulated research about child health and development, and to decide how this information could be translated into improved practices. The conference did a great deal to advance the profession of pediatrics and to pinpoint the need of specialized training for those working with children and youth. When President Truman called the 1950 conference, the principal focus was to look at the healthy personality of the child, including the physical, mental, emotional, spiritual, and moral aspects of his total personality, and to understand and strengthen

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Mr. Rabinovitz is Executive Secretary of the Michigan Youth Commission.

the contributions of the several interrelated disciplines that affected the healthy development of our children.

Many significant changes have occurred since 1950 in our nation and world, and in the way which we live. President Eisenhower, in his directive to plan the 1960 conference, stated: "The rapidly changing times in which we live and the increasing fast pace of change make it incumbent upon us to plan ahead so that we can prepare today's children well for life in tomorrow's world." Based on this challenge, the official purpose of the conference was formulated. It was to find ways "to promote opportunities for children and youth to realize their full potential for creative life in freedom and dignity." In carrying out this purpose the conference was concerned not only with the services and programs of our communities, states and nation; it likewise gave attention to the values and ideals of our society and how they can be transmitted to our young people.

More than 50,000 Michigan people, representing many views and interests, participated and contributed to the state's outstanding pre-conference preparations for the Washington conference. This work was started two years before the 1960 conference was held. Many agencies, groups, and associations, likewise, had a hand in the state's extensive preparation efforts. They were asked to share in this responsibility by the Michigan Youth Commission, which was designated as the official state planning group for the conference by Governor Williams. (The thirty-five representative lay and professional adult leaders and three young people who make up the Michigan Youth Commission are truly a dedicated group of citizens. Since it was established more than ten years ago, it has achieved impressive results by the many important children's programs and services it has helped to strengthen or bring into being.)

Drawing on the information and views obtained by citizens in all parts of the state through community surveys and area conferences, the facts submitted by professional groups and voluntary and public official agencies, and the reports compiled by our state agencies, the Michigan Youth Commission prepared its White House Conference report, "Children and Youth in Michigan, 1960." In it, there is an evaluation of the progress we have made since 1950; it looks at the problems of today's children that are not being met; and it suggests a course of action for the next decade.

This report shows that Michigan can well be proud of the many good things that have been achieved from 1950-1960, and that we have a solid base on which to build in the 60's. The medical profession has had a major share in the progress that was made in strengthening our state's broad health services and programs, and we list some of these achievements.

The Michigan Mortality Study was initiated in cooperation with the Michigan State Medical Society. The joint statement by the State Department of Health and the Michigan State Medical Society on regulating the use of oxygen for premature infants and the utilization of consultation service have helped improve survival of these infants and to almost eliminate retrolental fibroplasia as a cause of blindness. Perinatal studies in a number of Michigan hospitals has resulted in the development of techniques in use throughout many parts of the state. Classes for expectant parents and classes in preparation for childbirth have greatly increased. A comprehensive hospital manual was developed on the safe care of mothers and newborn infants. Workshops for hospital personnel caring for infants have also helped to decrease maternal and infant mortality.

The State Health Department can now set up and administer hearing tests so children with impairment can secure medical and educational care and treatment. Otologic clinics are conducted as an important step in the case-finding program of children with hearing loss. Courses to train locally employed vision and hearing technicians were undertaken with schools of higher learning.

Michigan joined in a nation-wide test of the effectiveness of the Salk vaccine and later carried out programs for the innoculation of its children.

Many more communities are now fluoridating public water supplies.

The establishment of poison control centers in Detroit and Ann Arbor has stimulated interest in other communities to help in trying to reduce the incidence of this second highest cause of death in the two-sixteen-year age groups.

An area amputee program was established to provide specialized services in treatment and training in the use of prosthetic devices to child amputees, and incorporates specialized training for professional personnel. A program of prophylaxis for rheumatic fever has been set up. Medical eye services for the prevention of blindness were established.

Progress has been made in standardizing a school health form and in understanding school mental health needs, the problems of the physically handicapped, and encouraging pre-school health evaluations. Our expanded, special local school programs for the mentally and physically handicapped are helping many more of these youngsters develop their fullest potentialities, and the recently authorized special program for the emotionally disturbed can be expected to do much for those children. Our visiting teacher services in the local schools for children with symptoms of social and emotional maladjustments have been expanded. Legislation enacted that makes it mandatory for students to have driver training in our schools has resulted in a program which is outstanding in the nation. The State Safety Commission is developing ways to reach the teen-age driver.

Michigan has made important strides in providing inpatient and clinic facilities and services on state and local

levels for the care and treatment of our children who are emotionally disturbed, mentally ill, and mentally retarded. Research and training of personnel have been expanded.

The State Board of Alcoholism was established to promote and encourage the teaching of factual information in schools about the use of alcoholic beverages and is developing formal and informal education programs for teen-agers.

These, then, are the plus side of the ledger of where we stand in Michigan. The basic health needs which must be included in our concern in the next decade are challenging ones and will be mentioned later.

The conference participants, some 7,000 strong, came to Washington prepared with information and ideas to define problems and recommend possible solutions. Pre-conference studies and careful preparations by their states, organizations, and agencies—together with the working papers and fact-books prepared by professional authorities and Federal agencies, provided a solid basis for effective participation. Participants worked hard in the large forums and small discussion groups. They sought to understand and evaluate the impact of significant forces on today's children; to pinpoint the problems that were resulting; to assess what we were doing in our homes and communities, states, and nation to meet unmet needs; and then arrived at a meeting of the minds on steps to be taken in the next ten years.

Many recommendations came from the White House Conference, and no magic formulae or quick cures were suggested. If anything, the conference participants re-emphasized the continuing contributions and responsibilities of the important disciplines and professions, the voluntary and public official agencies; the necessity for continued research and study; the importance of co-operation in areas of mutual concern; and the necessity for intelligent citizen awareness, support, and hard work in the decade ahead to achieve the programs and services needed.

More than 600 recommendations came out of the Washington conference. Considering that the well-being of all major groups of the nation's children were considered, this is not surprising. The recommendations covered many subjects, but the ones that received most attention were: family life, education, human rights, health protection, illegitimacy, migrant families, children of working mothers, adoption and foster care, juvenile delinquency, handicapped persons, research, and training. Reflecting the President's challenge, the conference discussions and recommendations focused on the many complicated and pressing problems of children and youth in the 60's.

Can the White House Conference have practical meaning for Michigan? Obviously the many volumes of valuable background papers, fact-books, proceedings and recommendations cannot have equal application to each state and all parts of the country. Michigan, however, is in a fortunate position to derive maximum benefit because the state's pre-conference preparations were so complete and thorough. Michigan and its delegates at the Washington conference were able to contribute in an outstanding way; but more important, Michigan is now able to utilize to the maximum advantage conference findings, conclusions, and recommendations.

What are some of the important basic health needs of Michigan children that should receive our attention in the follow-up decade of the 60's?

1. Health education for parents and children so that they can more fully utilize our sound medical and mental health knowledge.

2. Education of children, in particular adolescents, for future parenthood, and education of expectant parents and new inexperienced parents in physical and mental health.

3. The strengthening of family life and family relationships through individual and community efforts.

4. Adequate health supervision of children, including emphasis on emotional health, from birth through adolescence.

5. Premature centers for newborn infants with sufficient facilities, and personnel who have special training.

6. Maintain and strengthen our immunization programs.

7. Research in the cause and prevention of reproductive failure including sterility, fetal and infant deaths, prematurity, and congenital malformations and other defects resulting in the birth of children who are mentally and physically handicapped.

8. More diagnostic facilities for children with malignancies, retardation, and other special problems.

9. Regional poison control centers with major emphasis on qualified staff and availability of services.

10. Increased concern for the prevention of accidents in the home, in the community and "on the road."

11. Strengthen and expand the teaching of factual information to young people about the use of alcoholic beverages.

12. Expanded facilities and services for the care and prevention of dental defects including fluoridation of public water supplies, topical application of sodium fluoride, and an early treatment of dental caries and orthodontic defects.

13. Concerted community and state planning for the needs of the agricultural migrant and his family.

14. Sufficient financial support to provide medical care for the afflicted and crippled children.

15. Means and method of providing service for the severely disabled, mentally normal child who cannot be cared for in his own home.

16. Full-time health departments with sufficient, qualified personnel for all counties.

17. Sufficient in-patient and clinic facilities and services on state and local levels for the care and treatment of children who are emotionally disturbed, mentally ill, or mentally retarded, coupled with expanded research and training of personnel.

18. Greatly expanded health personnel and facilties for their training.

19. Cooperation on both the community and state levels for the most effective and economic use of our total resources, facilities, and personnel.

Here, then, are a few of the programs and projects to which we must give attention in follow-up of the recent White House Conference on Children and Youth, even as we continue to review, strengthen, and support our achievements of the past ten years. Broadened participation and co-operation by our total citizenry will be needed to move ahead, and more ahead we must if we are to meet the challenge of "the fast changing time in which we live and the increasing fast pace of change."

The doctors of Michigan can be justifiably proud of their accomplishments as citizens and leaders in this state. As more and more people turn to finding sound, positive ways to meet the health needs of children and youth, they will continue to look to members of the "helping professions," and especially to Doctors of Medicine, for guidance and leadership. We know the members of the medical profession can be counted on to continue their tradition of community leadership, and it is sincerely hoped that even more of them will become involved in the community efforts which they will be called on to provide. Only in this way will it be possible to achieve the purposes of the 1960 White House Conference, so well enunciated by President Eisenhower, "To promote opportunities for children and youth to realize their full potential of a full life in freedom and dignity."

Costs of Drugs

Senator Estes Kefauver held hearings to determine actual costs of manufacture of drugs and antibiotics because of a complaint that drug charges are much more than the costs of manufacture. He threatened to force lower prices. Testifying before his committee, President W. G. Malcolm, of the Lederle Laboratories, said the price of antibiotics manufactured by their company has dropped 66 per cent from 1948 to 1958, while the price of shoes, milk and gasoline has increased 20 per cent to 26 per cent.

Lederle, he said, has lowered antibiotic prices in spite of sharply rising costs for materials and services, rapid product obsolescence, and the expenditure of over $100 million for research and development during this period.

The manufacture of antibiotics and other ethical drugs involves great financial risks because of the uncertain return on research investment and rapid product obsolescence in the industry. Lederle has spent thirteen years and close to $12.5 million in its pioneering effort to find an effective live virus oral polio vaccine, but today has no product on the market. The Public Health Service approved a competing vaccine. Lederle is preparing to manufacture the approved strain but will continue work on its own Cox vaccine.

Psychological Factors in Athletic Injuries

Robert A. Moore, M.D.
Ann Arbor, Michigan

OUR ATTENTION is usually and properly drawn to the physical causes and effects of injuries in competitive athletics. We are concerned with proper training and conditioning of athletes, more effective protective devices, constant scrutiny of the rules of play, and careful medical screening of prospective athletes, all directed toward minimizing the possibility of injury. While none of these efforts should be diminished, there is another area relative to athletic injuries that receives too little attention. Team physicians, trainers, and coaches should be alerted to a consideration of psychological factors as they lead to, or prolong recovery from, injuries in competitive sports.

In our increasingly "civilized," that is, constricted and repressive culture, we find ourselves having to give up certain personal freedoms for the general good of society as a whole. Basic biologic drives cannot be given free reign of expression without coming into serious conflict with the taboos of our time. We are perhaps more familiar with the limitations of sexual freedom, realizing that random gratification of this natural urge leads to serious and dramatic consequences. Today, we find various diversions of the sexual drive a common symptom in the effort of individuals to reach a compromise between drive and prohibition.

Less dramatic, but equally important, is the conflict over expression of aggressive drives. Our distant cave-dwelling ancestors had no problems here—to be aggressive meant to survive a bit longer. In our times, however, uncontrolled aggressive behavior subjects one to incarceration or extinction, or at least to severe censure. The mature and civilized adult is seen as a calm and composed individual who rises above the strife about him and who would think it uncouth to take off his coat, roll up his sleeves, and punch the cab driver in the eye because he had just honked at him when he didn't start off on the green light soon enough. He sublimates his aggressivity into a useful assertiveness in his social and business conduct.

There are two areas where modern man can take off his coat and roll up his sleeves: in wartime military service and in competitive sports. In these areas, like the cave-man, to be unable to be aggressive may mean a short span of survival. Unfortunately, it is not a simple task to switch suddenly from an existence where aggression is bad to an area of endeavor where aggression is good. Some can do it and some cannot.

Each growing child must learn how to achieve an uneasy compromise between his urges to be actively aggressive, motor-wise, and his wishes to be pleasing to his parents. The distinction between sexes in the expression of aggression used to be more clear, but today this is blurred with women assuming male prerogatives and men sharing the woman's role in the home in the worship of "togetherness." It isn't as easy for the child to know that women are like this and men are like that and as a result we seem to be breeding a generation where men assume more feminine behavior and women more masculine behavior. This makes the definition of what is acceptable aggressive behavior in the boy less easy to achieve. His father likes ball games, plays golf, but also washes the dishes and doesn't always seem as powerful as mother. His father seems to approve his son's interest in sports and even seems a bit pleased, though outwardly critical, when he gives the boy next door a bloody nose. At the same time, in a middle-class

The Author
ROBERT A. MOORE, M.D.

Presented at the Second University of Michigan Athletic Injury Conference, May 6 and 7, 1960, Ann Arbor.

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community at least, this will result in considerable conflict with the desire that all children be "well-adjusted," that is, "well-controlled."

The child soon learns that uncontrolled aggressive behavior brings him not gain but pain as he is punished by withdrawal of love by his parents, by stern criticism from his teachers, and loss of comradeship with his peers. The equation becomes clear: that to express aggression means to receive aggression in return—perhaps greater than the child can tolerate or defend against. The child incorporates this disapproval and so develops guilt and anxiety if he is too aggressive and finally feels uneasy even if he contemplates aggression. He is now civilized.

The Problem of Aggression

This young man goes into military service during wartime. He is now told he must kill his enemy, coldly, impersonally, without hesitation. Does he do it? Not very often. Fortunately, modern warfare does not often require such personal killing. When it does, trouble often ensues. Careful observation of American infantry in World War II revealed that when faced with close contact with easily seen enemy troops, an extremely small percentage ever fired their weapons, some cowering in their foxholes passively awaiting their deaths rather than kill even in self-defense. Psychiatric disabilities resulting from such situations almost overwhelmed our medical facilities early in the war. Many of these psychiatric casualties came from the training camps, far from the field of combat where men could not even tolerate the aggression demanded in bayonet drill against straw dummies.

We now turn to the other area where aggression is both permitted and rewarded: competitive athletics. Since participation is voluntary, the situation is not quite similar to wartime military service. We would then expect that a distinguishing feature in athletes would be their freedom of restriction in the expression of aggression. Certainly team sports put a high premium on aggressiveness, especially such sports as football and hockey. In addition, the good athlete has a certain confidence that his expression of aggression will not be repaid by overwhelming retaliation, translated into a feeling he will win, or at least not be demolished, even when facing long odds. A football halfback who anticipates with each stride a bruising tackle or a hockey wing who on each rush awaits a hard check will not be very successful.

Since the athlete is a volunteer, in fact an eager one, it might be expected no problems are to be found here. In the world of the psyche, however, everything is relative, and the degree of this conflict is relative, too. The very urge that forces the young athlete to suffer the many long hours of practice with its concomitant wear and tear on his body is an amalgam of his underlying competitiveness and his fear of this manifested by his conscious pretense he is not afraid.

To be athletic is to be manly in our culture. To the adolescent, the epitome of what is masculine is the athlete, with hero-worship and mimicry a common phenomenon. As pointed out earlier, perhaps a greater problem in our culture than in others is the difficulty a young boy faces in defining himself as male in contradistinction to female. What better solution could there be than to become an athlete?

Thus, we see problems in expression of both aggressive and sexual drives as they face a growing youth about to embark on an athletic career. Two brief case references will illustrate these points:

Illustrative Cases

Case 1.—A young high school boy with little athletic ability but tremendous desire tried out for the baseball team. This boy led a rather sheltered life and was not too confident of himself nor a particularly aggressive person. He had entertained phantasies of being an athlete as long as he could remember as this would give him proof he was a manly and worthwhile person. His phantasies were never realized; instead, he was the perpetual benchwarmer, good enough to make the team due to his tremendous push, but with so little real ability that he made the ideal batting practice catcher. This particular spring it was apparent to him that, though he had been a substitute the two years preceding, he would probably not make the team at all this year because there were some promising newcomers trying out as catchers. Twice that spring he suffered painful bruises on his fingers for failing to keep his right hand closed till the ball was in the mitt. He gritted his teeth however and just tried harder. One day in an intra-squad practice game the same thing happened, this time resulting in a severe fracture of the right index finger. His season was over.

Was he bitterly disappointed? Not in the least. His response was one of relief as he could now leave the field of combat with banners flying high. He had escaped defeat and his splintered finger was a badge of manly combat. Was his injury incurred on purpose? The boy would of course deny this and yet three times in a span of several days he suffered an injury, the prevention of which was well-known to him, that he had not suffered in the previous years he had played baseball.

Case 2.—This is a case of a much more successful athlete. He was an outstanding high school football player, much sought after by several colleges before he enrolled at a large university. Despite his great success, he never felt he achieved sufficient acclaim from his father. His father was a rather distant, non-demonstrative man who emphasized the gloomy side of life with the central theme being that their family wasn't meant for big things. An over-all picture of passivity pervaded the family with only the patient not fitting the pattern. The much less successful and much less aggressive siblings were given considerably more praise by the father. So the message began to get across to this athlete—the more successfully aggressive he was, the more alien and non-understandable he became to his family. He started off his sophomore year in college by running with the first string before the opening game. Unfortunately, he suffered an injury to his leg and missed the opening game. Somehow, the leg didn't respond to treatment and the discouraged athlete limped through drills with the scrubs, no longer noticed by the coaches, until he finally quit the team.

While the injury itself may or may not have had a purposeful reason behind it, certainly the recovery from the injury was prolonged as a solution to the problem. He was now safe from further straying from his family's demand to remain passive.

From these illustrative cases, we see how athletic injuries, or slow recovery from the same, may result from psychological conflict between passivity and aggressivity. In one, the young athlete wants to prove himself by being more aggressive than his ability allows, so must extricate himself by injury before defeat gives him the final proof of what he feels others will perceive as his unmanliness. In the other, a boy with great athletic potential must not allow it to be manifest as the aggressive component of this would cause a loss of love from his passivity-demanding parents. Again injury is the ideal way out.

Counter-Phobia as a Solution

A somewhat more subtle solution to conflict over expression of basic urges is the development of what is termed a counter-phobic reaction. Because of fear of retaliation for the wish to express these aggressive urges when very young, the boy anticipates with terror some form of body mutilation. As a protection against this he develops a pattern of "whistling in the dark," by feeling himself totally unafraid, invulnerable to injury. He tests and retests himself to magically prove he cannot be hurt by daring and even dangerous activities. Typically, he feels very keyed up before facing danger, experienced often as an exhilarating anticipation. After the danger has been challenged successfully, he feels satisfied, often powerful for a short period of time. This is not a real solution, however, and he must repeat this experience over and over. Because this individual must take so many risks, it is only a matter of time before some injury results. This type of reaction may lead men to dare-devil circus activities, auto-racing, stunt-driving, direct combat sports such as boxing and so forth. An example follows:

Case 3.—A young man became a professional motorcycle and auto racer and stunt flier on the county fair level. He had a reputation for foolhardy courage, actually deriving pleasure in watching other drivers spin off the track, and he felt a real thrill when this occurred to him. As a result he suffered several injuries but came back for more with renewed enthusiasm. His background revealed his father was killed in an auto accident when he was six weeks old. On the way to the funeral one of his brothers, his uncle and grandmother were killed in an auto accident. From his earliest memories the patient recalls this gruesome story being retold many times by his mother. His oldest brother many years his senior, became a substitute father and treated him very harshly. One day, this brother and his son were killed in an auto accident and the patient shortly after quit racing and flying, saying he was tired of it. Actually he had become too nervous to continue since his brother's death. His symptoms worsened considerably and he had to enter a psychiatric hospital because of his terror of being injured. He repetitively dreamed of seeing his brother's mutilated body in the morgue which he had to identify.

This man, from early life, felt a terrible vunerability to injury. If such a horrible fate could befall a powerful person like a father, a puny figure like himself had no chance. He anticipated mutilation as a consequence of the most minor expressions of anger. His constant danger-defying activities were of a counter-phobic type, a magical attempt to undo his vulnerability by constantly conquering danger. This tenuous defense crumbled when his hated older brother was killed combined with the added blow of the death of the brother's son, proving finally that not only fathers but sons too are destined to be killed. As a result of his brother's demise, the patient unconsciously felt that his death wishes for his brother were now known and retaliation must surely follow. While his counter-phobic activities were intact, however, this man had many accidents in racing with numerous injuries, most of which were fortunately minor. The law of averages would probably have caught up with him if his brother's and nephew's deaths had not intervened to disrupt his "brinksmanship" way of life.

Situations of Potential Danger

It would be very useful to coaches, team trainers, and team physicians if they could anticipate such situations before they occur. Unfortunately, this is a difficult process since hindsight is better than foresight. Still, being aware of this problem may be of some use in understanding the accident-prone athlete or the one whose bruises seem slow to heal. A few possible situations can be listed which should alert one to the possibility of injuries:

1. A situation is loaded where the degree of athletic ability is grossly out of proportion with the individual's willingness to be aggressive. A boy who wants to play so badly but hasn't much ability or a boy with loads of ability who doesn't want to play very badly are good candidates for the injury file.

2. One should be alerted by a family where the boy's ability to be aggressive or his athletic ability is way out of line with that of his father. Every coach has been plagued at one time in his career by the athletically-successful father who ambitiously pushes his not-too-capable son into sports, forcing the boy into competition for which he is unprepared. As dangerous may be the situation where a boy's ability and aggressivity are much greater than the father's, so that his superiority puts him into the potentially frightening position of defeating his father.

3. The too-aggressive athlete who lacks sufficient control of himself may rush blindly into the fray with the result both he and an opponent or two are stretched out on the turf. As accident-prone is the over-timid athlete who halts almost imperceptibly just before being tackled, and, having lost his momentum, is likely to suffer greater risk of injury on contact.

4. A history of previous athletic attempts which is full of repeated injuries should give pause. We must assume he will be injured again and a serious injury may be the next one on the schedule for him.

5. A frequently-voiced complaint is that, contrary to exaggerating their injuries, or prolonging their recoveries, many athletes make light of their injuries and want to return to action too soon, even concealing rather serious injuries. Such bravery and devotion is commendable within limits, but one should watch carefully when an athlete carries this to extremes. Is he, by overdoing it, trying to prove he isn't afraid because he is afraid? Is he actually seeking to be seriously injured as a just punishment for some deep feeling of guilt, perhaps over his previous conflicted expression of aggression? At the opposite extreme is the cry-baby whose every little bruise needs immediate attention. He's scared and perhaps would be better out of the game before he has to take himself out with a real injury.

6. Sometimes an athlete with promise seems to slip and finds himself more frequently on the bench. Perhaps his dwindling skill represents his inability to allow himself the success he did and could continue to experience. Maybe when he seems to be trying so hard to regain his position he will solve the conflict through injury. This inability to tolerate success, in fact to seek out failure, is one of the more common symptoms seen in psychiatric practice and is certainly one of the most resistant symptoms to treat. It manifests itself in ways other than athletic, such as the young man who needed one hour to get his college degree, but two times failed a two-hour course that would have gotten it for him, then quit college completely.

7. An athlete who seems to relish danger with eager anticipation and who shows an omnipotent feeling of invulnerability may be demonstrating a counter-phobic reaction which will require his taking unnecessary risks till he is finally injured.

Excluded here is a discussion of the frankly psychiatrically ill boy where being injured may satisfy some perverse masochistic need or be representative of a bizarre psychotic phantasy. These situations listed may be found among the kind of boys that try out for every high school, college, and professional athletic team, or who engage in various individual sports.

Summary

While it is proper to continue our major concerns in the areas of conditioning, protective devices, orthopedic and neurosurgical repairs, it would be wise to also be cognizant of the possible role certain psychological factors play in athletic injuries. Of greatest concern in this admittedly ill-defined field is the role played by the conflict over the expression of passivity and aggressivity, and the possible solution through counter-phobia. Several situations are listed where the potential for athletic injuries may be greater than usual.

The Search for Phenylketonuria in Michigan

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IN 1934 Folling[1] recognized a similarity between several retarded children by producing a green color on the addition of ferric chloride to their urine. This color change was later found to be due to defective phenylalanine metabolism resulting from a liver enzyme deficiency that is recessively inherited.[2,3] The accumulation in the blood of phenylalanine and its metabolites has been considered to be the cause of the mental deficiency on a toxic basis.[4] Clinical improvement was then noted in some patients treated on a low phenylalanine diet and infants placed on the diet in the first few months have been reported to develop normally.[5,6] In addition to mental deficiency, a great number of children with phenylketonuria are found to be blond, blue-eyed, and to have eczema. Many have convulsions in infancy which frequently are of the "infantile spasm" type. All these manifestations have been found to respond to a low phenylalanine diet

The recognition of such a treatable disorder has encouraged surveys for its detection The diagnosis within the first few months of life holds the greatest probability of ultimate central nervous system normality. Because a great number of children with mental deficiency are seen in the Mental Study Unit of the Department of Pediatrics we encouraged everyone to routinely test for this disease and we subsequently became interested in the identification of all the known phenylketonurics in the State of Michigan. In the past four years we have identified twenty-one children with phenylketonuria some of whom were initially diagnosed by us and in others the diagnosis was suspected prior to referral. In addition to the identification of out-patients who were seen for appraisals of mental deficiency, the State institutions were encouraged to make surveys in order to identify the committed patients having phenylketonuria. Thus we found a total of eighty-one patients as outlined in Table I. The survey is not yet complete but the testing of other members of phenylketonuric families has been especially important in diagnosing the disorder at an early age in siblings.

TABLE I. INCIDENCE OF PHENYLKENONURIA IN MICHIGAN INSTITUTIONS

Institution	Patients With PKU	Institutional Population
University hospital	21*	—
Private school	4	—
Caro	8	2,025
Coldwater	22	2,746
Farmington	7	235
Ft. Custer	3	803
Lapeer	10	4,200
Mt. Pleasant	11	1,208
Newberry	1	500
Total	81	11,717

*Six patients have been institutionalized and are included in the separate hospital figures.

Tests for Phenylketonuria

Testing for this disorder is simple but may be associated with some technical pitfalls.[7] The following tests are employed in the diagnosis:

1. *Ferric Chloride.*—When a urine specimen can be collected the addition of a few cubic centimeters of either 5 or 10 per cent ferric chloride to 5 cc of fresh urine will lead to the immediate development of an intense deep green color which will fade to a non-specific grey color in a few minutes. The addition of a very small quantity of ferric chloride to a large volume of urine may lead to a cloudy grey percipitate which will not be characteristic of phenylketonuria unless additional ferric chloride is added. The urine should be tested when fresh, otherwise some decomposition may take place especially in hot weather resulting in a false negative response. However, we have kept urine from phenylketonuric patients with a few added thymol crystals for several months in the refrigerator and have still obtained a characteristic re-

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action with ferric chloride. Patients who are taking drugs excrete by-products that may interfere with the test.[8-10] Ferric chloride added to the urine of a patient taking aspirin will be a dark purple and can obscure the typical green color of phenylketonuria. Tranquilizers may also interfere. On the other hand, a false negative test can usually be explained on the basis of technical error rather than due to the low excretion of phenylpyruvic acid. Ferric chloride may also be used in a "diaper test"[11] which is especially useful in early infancy. This too is subject to error since the identification of the green color may escape the inexperienced eye because the green "spot" quickly fades. A false positive test is not too important since this will generally lead the examiner to further testing. However, a diaper that is very grey from long use may obscure a true positive. When the diaper test is to be used in a suspicious child, we have found that the addition of 5 to 10 cc. of distilled water to the diaper, which is then wrung out into a container, facilitates the reading of the test. When ferric chloride is added to this specimen, a characteristic but light green color develops.

2. *Phenistix.*®—The recent introduction of impregnated paper strips known as Phenistix® permits even inexperienced individuals to make a diagnosis of phenylketonuria.[12] Whether the urine is available in a container or from a wet diaper, wetting the chemically-impregnated paper will result in a typical grey-green or green color in the affected child. Because of simplicity it can be used by the mother to test the urine at home after a little instruction. This is particularly valuable when a urine specimen is not available during the period of office examination. We use a Phenistix attached to a small card with instructions for home testing. The results are then returned to us by postcard. We have found Phenistix extremely useful not only in testing children who routinely come through the Pediatric Clinic but in our State surveys. In one institution, eight previously unknown phenylketonuric subjects were diagnosed without elaborate collecting techniques and by inexperienced personnel. However, normal urine may cause a minimal change in the Phenistix color which may be interpreted as positive and require confirmatory testing. Also refrigerated phenylketonuric urine specimens will react more slowly in changing color. Once the color has developed, however, it will still be apparent twenty to thirty minutes later while positive ferric chloride tests fade much more quickly.

3. *Dinitrophenolhydrazine (DNP).*—DNP will produce a cloudy yellow color when added to the urine of a phenylketonuric but this reagent is not readily available.

4. *Blood Phenylalanine Levels.*—Estimation of the blood level is useful in confirming the diagnosis because of the elevated amounts of phenylalanine in all phenylketonurics (25-60 mg. per cent). This procedure is especially helpful in managing the patient in treatment with a low phenylalanine diet. However, it is a special technique and one not often used so that it is not generally available in the average laboratory.

5. *Urine Chromatography.*—Abnormal amino acids characteristic of phenylketonuria can be identified in the urine but again this is a technique requiring considerable time and experience although a recent method permits a more rapid estimation.[13]

Discussion

Phenylketonuria may be present in the young infant without identifiable physical or neurologic abnormalities and can only be detected when the suspicious examiner uses appropriate laboratory tests. It is at this age that the greatest probability of central nervous system normality can be expected with therapy. Actually, any child with central nervous system abnormalities should be tested for phenylketonuria. This would include every infant with seizures or with any retardation of motor milestones such as rolling over, sitting up, et cetera. Older children with behavior problems that are thought to be on a psychogenic basis should be tested since we have identified such a child with normal intelligence who has phenylketonuria.[14] The testing of the siblings of every retarded child is also important but especially the siblings of recognized phenylketonuric subjects. All well babies should routinely be tested but because of the low incidence of the disease (1:20,000[15]) very few infants will be diagnosed in normal populations.

The available tests for this disorder are easily done at minimal cost. Certain technical pitfalls may occur but most can be avoided with a little experience. The possibility of a false negative test however should encourage repeated urine testing in suspicious patients. False positive tests are possible and confirmatory evidence should be obtained before starting a low phenylalanine regimen. Treatment of this disorder is costly, but this is less important than the false hope conveyed to the parent of a retarded child

who is started on a diet that will ultimately prove to be of no benefit.

We have encountered five children in whom this diagnosis was made by urine testing but who later proved to be only retarded without a metabolic defect. Three of these patients had been started on a Lofenalac® (low phenylalanine) diet without adequate confirmation. Blood phenylalanine determinations now make it possible to determine unequivocally if this disorder is present. It is also possible to diagnose this disease in the newborn infant by blood phenylalanine studies while the urine tests may be normal to all routine analysis for phenylketonuria. This latent period may last up to thirty-four days[16] during which the blood phenylalanine level would be elevated with negative urine phenylketonuria tests. One of our infants was diagnosed in the second week of life by blood phenylalanine studies and has never had a positive urine test because therapy with a low phenylalanine diet was started at this time. In general, confirmatory blood phenylalanine levels should be obtained before a patient is started on the diet. Also, occasional determination of levels thereafter are helpful in maintaining an adequately reduced serum phenylalanine level and in avoiding unduly low levels that may lead to some nutritional compromise.

This disease is treated with a diet that reduces the blood phenylalanine to normal levels. Special proprietory low phenylalanine preparations* permit the maintenance of a normal caloric and protein intake. Because phenylalanine is present in considerable quantities in milk and meat, older children must be maintained on virtually a meat-free diet using the protein supplement to provide an adequate nutritional intake. In infancy, the diet poses less of a problem, except for cost, because the preparation can be made up into formula for regular feeding.

Summary

Phenylketonuria is an inherited metabolic disease with serious secondary effects on the central nervous system. Early diagnosis and treatment is possible but depends largely on routine testing in young infants while older patients may have suggestive physical and neurologic findings. The tests for phenylketonuria are simple but require some experience because of technical pitfalls. Therapy is expensive and probably should never be started without confirmatory abnormal serum phenylalanine levels.

*Lofenalac® (Mead Johnson and Company); Ketonil® (Merck, Sharp and Dohme).

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Sustained-Release Methylprednisolone (Medrol Medules) In the Treatment of Allergic Disorders in Children

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SYMPTOMATIC RELIEF of allergic disorders in children is beset by difficulties compounded of children's generally-rather-severe degree of symptomatology, their lack of comprehension of their illness and their usual lack of previous hyposensitization. It is further complicated by the children's frequent side effects (of rather unpleasant nature) to many antihistimines and bronchodilator preparations, difficulties with taste acceptance and, at times, downright refusal to take oral preparations.

Antihistimines have a recognized incidence of side effects usually of a nature such as to be unacceptable to the child, his parents, or both. Many, if not most, of the preparations for the relief of asthma result in nrevousness, sleeplessness, anxiety, or gastric upset. Therefore a need exists for a dependable formulation with a maximum of effectiveness, patient acceptance, and with a minimum of side effects and number of daily doses. Such is needed for the management of acute episodes in atopic individuals and as additional help in the care of chronic, poorly-controlled patients.

For this need, the adrenal corticosteroids have long been called upon—and with obvious success. Soon after the discovery of cortisone in 1949 and hydrocortisone in 1951, the allergy-controlling properties of this group of compounds were established. Synthesis of the group of steroids with an unsaturated bond at the position 1-2 followed in 1955, producing the companion drugs prednisone and prednisolone. These had increased potency but effected no appreciably decrease in incidence of serious side effects.[13]

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Then in 1957 a methyl group was added at position 6, giving 6-methyl, delta-1-hydrocortisone (methylprednisolone, Medrol®) which compound is somewhat more potent still, but also a good deal less likely to yield side effects of a serious nature than were the previous compounds.[11]

Concurrently with the search for more potent and less toxic compounds, the search has proceeded for formulations permitting smaller doses (with expectation of decreased side effects) to procure better and more convenient relief of symptoms by the smoothing out of the "peak and valley" absorption pattern of ordinary tablets. Such a preparation of methylprednisolone has been evaluated in a group of allergic pediatric patients. This formulation consists of a capsule containing a number of small pills of methylprednisolone coated with a pH-sensitive, inert material which allows release of more and more of the contained medication as the acidity decreases (pH increases). This physiochemical device permits an initial release of medication to start absorption of a relief-giving portion, and then a steady, smooth continued release of further medication as the tiny pillules traverse the length of the small bowel. This accomplishes early, as well as prolonged, relief of symptoms with administration of a single dose—a decidedly useful technique in school children as well as with those who resist the administration of a medication.

Procedure

Twenty-eight patients who had previously been untreated for their atopic disease or who had developed symptoms while under hyposensitization therapy were treated with capsules of Medrol Medules. Of these, the seven younger children were given capsules containing 2 mg. of methylprednisolone in each capsule twice a day and twenty-one of the older children were given capsules containing 4 mg. of methylprednisolone twice a day. Those patients who had been previously

Medrol Medules is a registered trademark of The Upjohn Company who furnished the materials for this study.

TABLE I.

No.	Patient	Age	Diagnosis	Dose	Side Effects	Duration of Effect	Results	Comparison and Comment
1.	J.M.	4	Hay fever ? Asthma	2 mg. BID	None	12 hr.	Excellent	Better, longer lasting than tripelennamine
2.	L.Y.	4	Extrensic asthma	4 mg. BID	None	12-18 hr.	Excellent	Better than theophylline-ephedrine-phenobarbita and chlorprophenpyridamine and phenylepherine
3.	J.B.	7	Food allergy Sick headache	4 mg.	None	?	Good	Relieved headache better than aspirin
4.	D.L.	5	Allergic rhinitis	4 mg. BID	None	18-24 hr.	Excellent	No previous treatment
5.	R.H.	13	Poison ivy and allergic rhinitis	4 mg. BID	None	12 hr.	Excellent	Skin cleared rapidly Nose normal in 2 days
6.	D.P.	6	Urticaria	2 mg. BID	None	12-18 hr.	Excellent	Rapid control—no break-through on a 12 hr. regimen
7.	D.N.	4	Hay fever, asthma	2 mg. BID	None	8-12 hr.	Good	Better than chlorprophenpyridamine
8.	S.D.	11	Urticaria	4 mg. BID	None	6-8 hr.	Good	Used tripelennamine with it to relieve residual itching
9.	J.M.	9	Hay fever, asthma	4 mg. BID	None	12-18 hr.	Excellent	Quickly helped, rapid onset, lasted all day. Better than combined phenylpropanolamine, phenera-mine and pyrilamine
10.	S.D.	6	Papular urticaria Allergic rhinitis	4 mg. BID	None	12 hr.	Excellent	Rapid lasting relief of rhinitis, accelerated clearing of papular urticaria
11.	A.B.	4	Hay fever, asthma	2 mg. BID	None	10-12 hr.	Excellent	Better than sustained action chlorprophenpyrida-mine
12.	L.M.	4	Asthma, hay fever	2 mg. BID	None	12-14 hr.	Excellent	Effect lasted all day
13.	K.D.	15	Hay fever, asthma	4 mg. BID	None	?	Fair	Mother uncooperative and medules given irregu-larly
14.	G.B.	8	Hay fever, asthma	4 mg. BID	None	?	Fair to poor	Mother absent—observation not reliable. Hydro-cortisone gave best relief in past
15.	R.D.	13	Hay fever, asthma	4 mg. BID	None	12-18 hr.	Good	Worked well—lasted all day
16.	G.S.	8	Hay fever, asthma	2 mg. BID	Tired		Poor (low dosage)	Better results with combined theophylline-ephe-drine-phenobarbital and combined triamcinalone and chlorpheneramine
17.	T.R.	5	Facial contact dermatitis due to pollen	2 mg. BID	None	12 hr.	Excellent	Rapid relief of itching. Fast disappearance of rash and redness
18.	T.D.	4	Extrensic asthma	4 mg. BID	None	12 hr.	Excellent	Very good relief of wheezing and cough with 1 cap-sule BID
19.	J.E.	9	Extrensic asthma	4 mg. BID	Stuffy nose 2 times			On two trials caused stuffy nose; but also had same symptoms irregularly without this medication
20.	R.R.	7	Hay fever	4 mg. BID	None	12 hr.	Excellent	Steady improvement with maximum relief 3rd day
21.	W.W.	13	Contact derma-titis, severe poison ivy	4 mg. BID 8 mg. BID	None	4 mg: none 8 mg: 12 hr.	None Excellent	No evident benefit on 4 mg. Excellent relief on 8 mg.
22.	L.E.	6	Extrensic asthma	4 mg. BID	None	2 mg: 7½ hr. 4 mg: 12 hr.	Excellent	4 mg. BID equals 10 mg. hydrocortisone 4 x a day
23.	T.L.	7	Perennial allergic rhinitis	4 mg. BID	None	12 hr.	Good	Better than 12 mg. sustained action chlorprophen-pyrindamine
24.	D.L.	11	Allergic rhinitis	4 mg. BID	None	12 hr.	Excellent	Better than 12 mg. sustained action chlorprophen-pyridamine or 25 mg. promethazine
25.	C.A.	10	Hay fever, asthma	4 mg. BID	None	12 hr.	Excellent	Relief began 60-90 minutes
26.	J.B.	14	Hay fever	4 mg. BID	None (drowsy, mild)	12 hr.	Excellent	One capsule gave relief all day
27.	H.L.	6	Hay fever, asthma	4 mg. BID	None	12 hr.	Excellent	One capsule relieved all day
28.	J.D.	15	Hay fever	4 mg. BID	None	12 hr.	Good	Stopped sneezing. Relieved coryza

treated symptomatically were asked to give the Medules three days and then give their previous medication for three days, on and off, to try to establish a relationship of effectiveness between the two regimens. All of the patients lived in the same community and were subjected to the same air borne inhalant allergens and therefore all were in a comparable situation regarding exposure to the offending agents. A two-weeks' supply of medication was furnished each patient; each returned for examination and evaluation of treatment and was then furnished a further supply if it was deemed necessary. These observations were carried out during the time of tree and grass pollination of the 1960 season. The parents were instructed to give the child one capsule immediately upon arising in the morning and another upon retiring at night, if necessary, except in one group of patients who were suspected of having inhalant allergy related to substances within the bedroom. Parents of these patients were to give the child one capsule at bedtime only in order to evaluate the relief of symptoms over night.

Results

In general, very satisfactory results were obtained in all of the patients. Excellent results were recorded in twenty-six, good results in eight, fair results in two and poor results in two. The patient in whom the poor results were recorded for both asthma and hay fever was one in whom the smaller dose, 2 mg. twice daily, was used in an eight-year-old child. In retrospect, this appears to have been a completely inadequate dose and in all probability the larger dose would have produced effective relief of symptoms. In one instance the mother was absent during the whole two weeks of the observation and so could not be an adequate historian and reporter. However, this case is reported as one with poor results. In the final case of poor results the child developed a stuffy nose on each of two occasions when the medication was tried and therefore the mother did not pursue administration. It should be added, however, that this child developes a stuffy nose at irregular intervals unrelated to the administration of medicine

and while the mother recognized this factor in her past history it still must be recorded as an intolerance to the drug and a failure of the medication to produce the desired result.

muscle weakness or depression. One other child, a fourteen-year-old patient with hay fever, complained of mild transient drowsiness but this disappeared with continued administration of the drug.

TABLE II.

Diagnosis	No. of Patients	Results			
		Excellent	Good	Fair	Poor
Contact dermatitis Poison ivy 2 Pollen 1	3	3			
Allergic rhinitis (and hay fever)	19	13	3	1	1*
Asthma	13	9	2	1	1*
Urticaria (giant hives)	2	1	1		
Papular urticaria	1		1		
Sick headaches (food allergy)	1		1		
Totals	39**	26	8	2	2*

*Poor results in one case of asthma and hay fever due to too low dosage, 2 mg. BID in 8-year-old child.

**More than the 26 patients because several had more than one atopic symptom.

The diagnoses, results and doses are given in Table I—relating the results and pertinent comments volunteered from the parents. In Table II the results are correlated to the symptoms being treated.

Two cases of urticaria probably due to sensitivity to penicillin were treated, both quite satisfactorily, with the control of the eruption for twelve hours or more after the administration of each capsule. One case of papular urticaria was treated and it was noted that this disorder which usually runs a course of three to four weeks was shortened to one week with the treatment as described. One child was given Medrol Medules as a therapeutic trial to see if atopic processes could be responsible for his recurrent sick headaches. The mother reported a very good response to medication with a relief of headaches without their progressing to vomiting as they usually did. Three cases of contact dermatitis were included in the group, one probably due to pollen, which, as would be expected, responded dramatically. Two cases of poison ivy dermatitis were treated. One failed to respond to 4 mg. of Medrol Medules twice daily given for two days but did respond very well to 8 mg. of Medrol Medules given twice daily. The second case of poison ivy dermatitis responded quickly to 4 mg. twice daily.

Side Effects

In two patients side effects were reported by the parents. These consisted of the patient named above who developed a stuffy nose on two occasions when administered methylprednisolone and one other, the child eight years old being treated for hay fever and asthma with 2 mg. twice daily, who complained of being tired. There was no concomitant complaint of

Comments

Methylprednisolone has been used for the management of many series of allergic patients.[4,5,7] It has been favorably compared with hydrocortisone,[5,13] triamcinalone,[3,6] prednisolone and prednisone,[7,9,11,12] and dexamethasone.[6] In all of these instances, methylprednisolone has been found to be superior in one or both of the qualities of potency or reduced side effects. Goldman[8] has observed that the side effects of the corticosteroids, in general, are less marked in children. Brown and Seidman[9] have also observed a complete absence of incidence of gastric ulcer in their 129 patients treated with methylprednisolone.

It would seem then that children are less prone to have deterring side effects to methylprednisolone both in relation to their immaturity and because of methylprednisolone's decreased incidence of side effects and better tolerance. In this series of twenty-eight patients, there were no serious side effects and minor complaints were reported in only two patients. It is likely that the very low incidence of adverse side effects in this series was due, in part, to the fact that these children were treated on an acute basis only for periods of two to four weeks. In this time one would not expect such side effects to occur. In addition, the reduced daily dosage would tend to reduce the all-over incidence of side effects.

The specific formulation of methylprednisolone in small pills compounded with the pH-sensitive coating such as was clinically evaluated for this study (Medrol Medules) would seem to be a nearly ideal formulation for the management of acute attacks of atopic disease in children. In addition, it is a valuable addition to the management of those under long-term allergic

treatment who need additional therapy for re-appearance of their symptoms or for suppression of their disease process on a long-term basis. It proved very useful inasmuch as the capsules could be opened and mixed with a favorite food of a smaller child and administered only once or twice daily. It was accepted universally well. There was in no instance a refusal to take the medication.

In several cases of severe and prolonged asthma in in which the child had become exhausted and overstimulated with standard bronchodilators, it was possible to achieve very good control using Medrol Medules—with a complete absence of side effects. It was a very gratifying situation for the child to be able to relax, breathe and sleep, and to again develop an appetite and start gaining weight. Several children with severe acute hay-fever attacks who were intolerant of the usual antihistamines because of drowsiness or dizziness were adequately and conveniently managed with Medrol Medules. They experienced no such side effects and were able to continue effective school attendance—given a capsule before school and bedtime.

In some instances it would not be wise to use this preparation of Medrol Medules. These would, of course, include cases of known or suspected tuberculosis, concomitant chickenpox or other acute viral exanthems. While this particular study did not attempt to evaluate long-term methylprednisolone treatment in this dosage form in children, corticosteroids should not be used in large doses over long periods of time without very substantial indications relating to a life-threatening process because of, among other things, the effect of retardation on linear growth. Van Metre and Pinkerton[10] showed that when the total daily dose of methylprednisolone was kept under 5 mg. per square meter of body surface area per day there was no retardation in linear growth and, furthermore, when there was a retardation by the use of larger doses over short periods of time, a reduction of dose or discontinuation of the medication would allow linear growth to be regained to normalcy. This is again a definite advantage for Medrol Medules inasmuch as much smaller doses seem able to produce full clinical relief and therefore maintain a symptom-free status on a dose under 5 mg. per square meter per day.

Another interesting indication for the use of Medrol Medules is presented by its capacity for long duration of potent activity. This is particularly useful in the diagnostic testing of children with allergic problems occurring during sleep. This especially applies to those suspected of being allergic to bedroom allergens (cottonseed linters and house dust) and to pollens (which tend to reach their maximum air concentration shortly after dawn). In this situation the patient can be given a Medrol Medule at bedtime with confidence that it will still be acting in full therapeutic capacity hours later at the termination of normal sleep, thereby allowing for observation of antiallergic effect in the early morning before another dose could be taken. Since Medrol has no direct vasoconstrictor action, any reduction of those symptoms which normally occur from drawn until the time of awakening could be accurately assigned to the antiallergic action of Medrol, and thereby a presumptive diagnosis of allergic rhinitis could be entertained.

The superior effectiveness of Medrol Medules is shown not only in potency but in tolerance. In pediatric patients, the ease of administration and convenience of the therapeutic regimen greatly increase the likelihood of effective symptomatic relief without patients' rejection of the medication or drug intolerance.

Conclusions

In this study, twenty-eight cases were treated with sustained release capsules of methylprednisolone (Medrol Medules). In one instance a patient developed a questionable but minor side effect (stuffy nose) and the mother stopped treatment because of this. In another there was no real observation of the patient and so an adequate report was not available. In a third patient an inadequate dose was prescribed with no discernible clinical benefits. Of the remaining twenty-five patients all had good to excellent results. No serious side effects were noted.

Patient acceptance was universally good and no child expressed any reluctance to take the Medules of methylprednisolone. Parents liked the once or twice-a-day regimen and it was a highly successful way of managing symptoms in those atopic children who were in school. In many patients the effect of a single dose lasted twelve hours or longer. This was a very convenient schedule for day-long and all-night control of symptoms. This prolonged action formulation of methylprednisolone (Medrol Medules) is a real contribution to the management of acute atopic disease on a short-term basis.

Those with the more severe symptoms of allergic rhinitis, asthma and contact dermatitis are the cases wherein Medrol is likely to do its most dramatic work. As with all corticosteroid therapy, prolonged administration should be undertaken only after consideration

of all of the pitfalls of such therapy. However, this formulation of sustained-release Medrol Medules makes it possible to obtain clinical relief in many instances with a reduction of the total dosage and therefore less likelihood of the major toxic effects of prolonged corticosteroid treatment.

Summary

Twenty-eight cases of atopic disease were treated with Medrol Medules. Three cases were removed from the study for reasons of parental non-cooperation, inadequate dose and drug intolerance. All of the rest had good to excellent clinical response with no side effects sufficient to cause withdrawal of the drug. The dosage form proved to be very useful especially because of the great convenience of once or twice-daily dosage. Total dose of the steroid was kept low by the smooth, steady release of medication from the pillules. This prolonged action formulation of methylprednisolone (Medrol Medules) represents a valuable addition to our armamentarium especially in the management of acute severe atopic episodes such as allergic rhinitis, asthma, contact dermatitis, and urticaria.

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Two-Way Radio Broadcast

An evaluation of a series of two-way radio broadcasts has shown an 8 per cent increase in knowledge among American-educated physicians who participated in this experimental form of continuation education.

Fred MacD. Richardson, M.D., coordinator of the Pennsylvania Hospital Continuation Education Program, and three fellow authors, in a paper before the annual session of the Medical Society of Delaware, said thirty weekly broadcasts were initiated last October, produced by the PHCEP in conjunction with the Delaware Medical Society and supported by Smith, Kline & French Laboratories. The broadcasts, carried over WHYY-FM, actually linked physicians in the studio of the radio station with doctors in five Delaware hospitals. By means of remote communications equipment, doctors in each of the hospitals were able to ask questions of and receive immediate answers from the discussion leader located at the network headquarters in Philadelphia.

A Bacteriologic Survey of Non-Hospital Personnel For Nasal Carriers of Staphylococcus Aureus

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THE IMPORTANCE of the community aspects of staphylococcal disease has been emphasized by Wentworth and his co-workers[1] and by Gould and Cruikshank.[2] Many patients with infection due to *Staphylococcus aureus* seen in the office of the private practitioner can be traced directly to a hospital.[3] Also, there is an equally significant number of cases seen as office patients that have no apparent contact with a hospital.[4] Both of these situations suggest that carriers of *S. aureus* are present in the community and that they are potential sources of staphylococcal disease. This report summarizes the results of our study of a group of ninety-one persons whose employment was non-hospital in nature and who were, therefore, considered not to be exposed to the relatively high concentration of staphylococci known to exist in most hospitals today.[5] The finding of a significant number of permanent carriers among this relatively small group reaffirms the importance of nasal colonization, carriage, and infection due to *S. aureus* in the community, as well as in the hospital.

Materials and Methods

The ninety-one individuals included in this survey were volunteers from the staff of 299 employees of the Division of Laboratories of the Michigan Department of Health, Lansing, Michigan. Represented in the group of volunteers were office workers, laboratory technicians, farm hands, animal caretakers, chemists, serologists, and bacteriologists. It is to be emphasized that only two persons in the study group, one of whom was a carrier, worked in a laboratory where staphylococci were handled routinely.

Each of the ninety-one volunteers had a nasal swab taken on Wednesday of each week for six consecutive weeks. The swabs were taken by the same person, from the same nostril of each volunteer, on each occasion that the volunteer was present. Prior to swabbing the nose, the volunteer was asked to blow his nose into a clean, dry paper tissue. This was done in an attempt to move organisms lodged in the nasopharynx forward into the nasal cavities where they could be reached by a nasal swab without requiring the use of a nasopharyngeal swab. The swabs—sterile, dry cotton on a flexible applicator—were introduced into the nasal cavity until they were in contact with the mucosal surface of the middle turbinate, and were then rotated gently so as to moisten the cotton with nasal secretions. Each swab was immediately used to inoculate a petri dish containing sheep blood veal infusion agar which was incubated overnight at 37° C.

After the permanent carriers in the group were identified, nasal swabs were collected from these people three times a week for four additional months so as to extend our period of observation.

Typical single colonies of *S. aureus* from each specimen were picked and inoculated into 1 per cent mannitol broth, a tube of hemolysis-coagulase medium,[6] and onto a sheep blood agar plate for antibiotic sensitivity testing. Cultures of staphylococci that were coagulase-positive in rabbit plasma were submitted for testing with standard staphylococcal bacteriophages using twenty-four preparations furnished by Blair.* Duplicate stock cultures of every positive isolation were maintained on veal infusion agar slants at 4° C for reference purposes.

The general state of health of each volunteer was

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*The phages used in the study, furnished by Dr. John Blair, Hospital for Joint Diseases, New York City, were grouped as follows:

Group I—29, 52, 52A, 79, 80

Group II—3A, 3B, 3C, 55

Group III—6, 7, 42B, 42E, 47, 47C, 53, 54, 70, 73, 75, 77, Va4

Group IV—42D

Miscellaneous—81

observed during the survey. Nine persons proven to be carriers were subjected to clinical and radiologic examinations of the ears, nose, throat and accessory nasal sinuses.**

TABLE I. BASIC DATA COLLECTED DURING THE SIX-WEEK SURVEY

(464 Nasal Swab Specimens)

	No.	Per Cent
Number of volunteers with positive isolation:		
Number of permanent carriers	17	54.8
Number of transient carriers	10	32.3
Number of occasional carriers	4	12.9
Total	31	100.00
Number of volunteers with negative isolation	60	
Total number of volunteers	91	

Results

There were 464 nasal swab specimens collected from ninety-one volunteers during the six-week period of this study (Table I). The following definitions were used in interpreting results:

Positive Isolation.—Any culture which was hemolytic on sheep and rabbit blood, was coagulase-positive in rabbit plasma, fermented mannitol in eighteen hours and otherwise resembled *S. aureus.*

Permanent Carrier.—Any individual from whom a nasal swab specimen positive for *S. aureus* was obtained at each examination or who had only one negative specimen among a series of positive specimens.

Transient Carrier.—An individual who had a series of negative nasal swab specimens after two or more positive specimens or who had two or more positive specimens after a series of negative specimens.

Occasional Carrier.—An individual who had only one positive specimen during the survey.

No effort was made to select healthy volunteers. None of the study group were hospital patients immediately before or during the survey. Experience showed, as the study progressed, that several individuals had upper respiratory tract disease including sinusitis and rhinitis, some persons had the common forms of pyoderma, and one farm worker had a mixed bacterial and fungus infection of his respiratory system.

The state of carrying *S. aureus* in the nose was identified in thirty-one volunteers or 34 per cent of the study group (Table I). Seventeen of these persons were designated as permanent carriers, eight of whom had *S. aureus* in their nose on each of six occasions that a specimen was collected. The other nine permanent carriers were each examined four or five times and also yielded *S. aureus* from every specimen. Thus, 54.8 per cent of all carriers of *S. aureus* identified in this survey were shown to be permanent carriers. In terms of the entire study group, 18.7 per cent were identified as permanent carriers. There were ten transient carriers and four occasional carriers discovered among the thirty-one individuals with positive isolations of *S. aureus.* Nasal swab specimens from sixty volunteers failed to produce *S. aureus* at any time during the survey (Table I).

TABLE II. INDIVIDUALS FOUND TO CARRY MORE THAN ONE STRAIN OF S. AUREUS

Volunteer	Carrier Status	Primary Culture								Secondary Culture							
		Phage Pattern	Antibiotic Pattern*						Times Isolated	Phage Pattern	Antibiotic Pattern*						Times Isolated
			E	T	Te	C	P	St			E	T	Te	C	P	St	
6	Permanent	Untypable	S	S	S	S	S	S	4	42B	S	S	S	S	S	S	1
17	Permanent	52	S	S	S	S	S	S	4	Untypable	S	S	S	S	S	S	2
26	Transient	Va4/7/47C/53/75/77	S	S	S	S	R	S	2	Untypable	S	S	S	S	R	S	1
39	Permanent	Untypable	S	S	S	S	R	S	5	3A/3B/3C	S	S	S	S	R	S	1
86	Transient	Untypable	S	S	S	S	S	S	1	29/47C/52	S	S	S	S	S	S	1
88	Transient	Untypable	S	S	S	S	R	S	2	Va4/53/77	S	S	S	S	R	S	1

* E=Erythromycin
T=Oxytetracycline
Te=Tetracycline
C=Chloramphenicol
P=Penicillin
St=Streptomycin
S=Sensitive
R=Resistant

Clinical and radiologic examinations revealed that seven of nine permanent carriers examined had chronic inflammatory disease of their upper respiratory tract and three of these persons also had structural abnormalities producing obstruction in the nasal passages.

Each isolate of *S. aureus* was tested for sensitivity against six antibiotics by the disk-plate method. Because this study allowed for repeated examination of each volunteer, we were able to collect information on the stability of phage patterns identified from the various

**We are indebted to Hyman D. Shapiro, M.D., 201 W. Hillsdale St., Lansing, Michigan, for the clinical evaluations and James C. Neering, M.D., Chief, Department of Radiology, St. Lawrence Hospital, Lansing, Michigan, for the radiologic studies.

carriers. Table II gives the charactertistics of cultures, designated as primary and secondary, which were isolated from six permanent carriers.

Discussion

This study was organized for the purpose of investigating the carrier state of *S. aureus* as well as the cultures of *S. aureus* carried in the nasal passages of individuals from the general or non-hospital population. The majority of reports of carrier surveys deal with population groups which were, for the most part, hospital oriented. Carriers selected from hospital populations such as medical students, nurses, blood donors, and so forth are exposed to a greater concentration of pathogenic, antibiotic-resistant staphylococci and in a more continuous manner than are persons in the general population.[5]

Several volunteers, identified as permanent carriers, were found to have chronic inflammatory disease of the upper respiratory tract. The majority of this group also had some active inflammatory disease during the period of study. In a second phase of this investigation we obtained clinical and radiologic confirmation of chronic inflammatory disease of the upper respiratory tract in seven of nine permanent carriers selected for additional observation.

The preponderance of carrier strains of *S. aureus* were sensitive to five of the six antibiotics used. None of the cultures tested were resistant to either erythromycin or chloramphenicol, while 38.8 per cent were resistant to penicillin. There was no change in the sensitivity pattern of isolates of *S. aureus* from any carrier during this investigation.

It would appear that a significant portion of the population is resistant to colonization or invasion by *S. aureus*. In this study, 66 per cent of the group did not yield coagulase-positive staphylococci on any occasion. This observation has been made previously.[7] It is not known whether this ability to resist colonization and infection is due to humoral immunity or to a local situation in the nose. We have determined that some permanent carriers have a significant agglutinating antibody titer against their homologous strain while other permanent carriers have no detectable agglutinating antibodies for their homologous strain. It would appear, therefore, that some variations observed among carriers are attributable to the carrier himself.[8]

This conclusion is further supported by our observation that seven of nine permanent carriers had chronic inflammatory disease of their upper respiratory system and that several of the carriers also had structural abnormalities. We have no knowledge of the frequency of inflammatory or obstructive disease in the upper respiratory systems of the non-carriers in this study. However, we were impressed with the association between obstructive disease, either structural or inflammatory, and the nasal carrier state of *S. aureus* in persons shown to be permanent carriers.

Repeated examination of proven carriers also allowed us to collect data on the stability of phage patterns as well as the stability of the carrier state. Twenty-five of the carriers were shown to have only one phage pattern identified in their cultures. There were six carriers, however, who produced cultures having two phage patterns (Table II). This would suggest variation in the cultures themselves. The alternate cultures in each carrier having two phage patterns had identical antibiotic sensitivity patterns.

One carrier produced cultures having the designation 80/81. This middle-aged lady was a permanent carrier, but did not have detectable staphylococcal disease and had not been a hospital patient for at least five years prior to this study. The infrenquency of isolation of strains of *S. aureus* 80/81 in non-epidemic situations has been previously reported.[9] We are unable to explain why cultures with this particular phage pattern are so strongly pathogenic and at the same time so lacking in ability to become permanently established in a carrier state in the nose.

In addition to being a potential hazard to other members of the community it would appear, from the report of Williams and his associates,[10] that a carrier of *S. aureus* is also a considerable hazard to himself in terms of possible self-infection. This would suggest that it may be of value to know the carrier state of a patient prior to his admission to a hospital for surgery.

Summary

1. Thirty-one persons (34 per cent of a study group of ninety-one volunteers) were found to harbor *S. aureus* in their nasal passages on one or more occasions during a six-week survey. Seventeen persons were designated as permanent nasal carriers, ten persons were transient carriers, while four had *S. aureus* in specimens only once. Sixty persons, identified as non-carriers, did not have *S. aureus* in their noses on any occasion during the survey.

2. Environment, the strain of *S. aureus*, and the carrier himself each have a bearing on the establishment and maintenance of the nasal carrier state. Indi-

viduals who are permanent carriers frequently have infection and structural abnormalities of their upper respiratory systems.

3. Six nasal carriers were shown on separate occasions to carry two cultures having identical antibiotic sensitivity patterns but different phage patterns.

4. The average hospital visitor, as represented by our volunteers, constitutes a potential hazard to a susceptible hospital patient because of the carrier state of *S. aureus*. However, it would appear that the visitor from the community cannot be considered a common source of the hospital or epidemic strain of *S. aureus*, 80/81.

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Influenza Immunization

Two outbreaks of influenza swept the United States in the fall of 1957 and the winter of 1958, resulting in 60,000 more deaths than would be expected under normal conditions. There were, in addition, more than 26,000 excess deaths during the first three months of 1960 which also were considered to be the result of influenza.

These departures from the usually predictable norms prompted the Surgeon General's Advisory Committee on Influenza Research to analyze the cause and to seek measures to prevent such an occurrence in the future.

The committee found that a new antigenic variant, the Asian strain, because of its widespread introduction and the general lack of resistance to it, was the direct cause of the excess number of deaths, not only in the total population but most markedly among the chronically ill, the aged, and pregnant women. As a result of these findings, the Public Health Service is urging a continuing program to protect these high-risk groups in order to prevent a recurrence of this excess mortality.

The high-risk groups who contribute most to the excess deaths and who the Public Health Service believes should be routinely immunized each year are:

1. Persons of all ages who suffer from chronic debilitating disease, in particular: (*a*) rheumatic heart disease, especially mitral stenosis; (*b*) other cardiovascular diseases, such as arteriosclerotic heart disease or hypertension—especially patients with evidence of frank or incipient insufficiency; (c) chronic bronchopulmonary disease, for example, chronic asthma, chronic bronchitis, bronchiectasis, pulmonary fibrosis, pulmonary emphysema, or pulmonary tuberculosis; (*d*) diabetes mellitus; (*e*) Addison's disease.
2. Pregnant women.
3. All persons sixty-five years or older.

The adult dosage recommended by the advisory committee for initial immunization is 1.0 cc. (500 cca units) of polyvalent vaccine, administered subcutaneously on two occasions separated by two or more months. Preferably, the first dose would be given no later than September 1 and the second no later than November 1.

The Magic Pill

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THE ill-conceived notion that modern man has some God-given right to feel well twenty-four hours a day, has acquired almost universal acceptance in American culture. The health-conscious American public spends more money per capita on medicines, doctors, and hospitals, than any other people in the western world. Our popular magazines, including those whose acknowledged prime purpose is dispensing news, are currently disseminating information about the practice of medicine in all of its branches and publicizing particularly the latest incomplete researches into new cures and new methods for putting man at his physical and mental ease.

The population's voracious appetite for these nostrums has sent drug company stocks spiraling upward with seemingly no limit. To the long list of patent medicines which have always sold in large quantities, there is now being added an almost equal number of oral pacifiers, which are produced by "ethical drug houses," and therefore not advertised except in professional journals. These medications are classified officially as sedatives, hypnotics, and tranquilizers. The ever-increasing demand for this group of drugs is a manifestation of what might be called the search for "The Magic Pill."

The goal of this search is to attain freedom from anxiety, a concept which is entirely unrealistic, impractical, and actually harmful to man's progress and to the fruition of his ultimate social, economic, and psychologic ideals. Doubts as to the extensive use of these products can be readily dispelled by perusal of current figures as to the numbers of prescriptions written by physicians for drugs such as anelgesics, heart medications, skin preparations, and anti-cough compounds. The value of these various anxiety-relieving preparations is now the subject of a rather heated controversy within the medical profession, particularly within the psychiatric specialty. Psychiatrists are split over the use of tranquilizers and many robust arguments occur whenever groups of these specialists get together. Some psychiatrists have leaped on the chemical bandwagon and are hailing this group of drugs as the answer to all the emotional ills of man. Others are wisely cautioning against their over-use and calling attention to the inherent dangers of indiscriminate and unscientific utilization of potent biochemical forces to alter thinking, feeling, and behavior—when it has not yet been proved that symptoms are the result of disruption in the biochemistry of the body. It is as easy to give a pill as it is to take one, and both doctor and patient can readily be servants of their own inner needs in prescribing and using this particular group of drugs. These needs will be mentioned again later, but, for the present, suffice it to say—there must be basic satisfactions on the part of both the physician and his patient in the use of "The Magic Pill."

A new term has been introduced into medical literature to describe the effects of these tranquilizing drugs and to classify them separately from some of the older sedatives. This term is "ataractic." The idea that is communicated by the term "ataractic," is that of tranquility, serenity, and peace of mind. It would certainly be uncharitable to invoke the simile of the contented cow in the definition of this new medical term. However, one cannot avoid this thought passing over one's mental horizon, when considering what these ataractic drugs are supposed to do. Perhaps it would be more accurate to compare the tranquilized state with that of the satiated infant, who, through nursing, has relieved his physiologic and psychologic tensions caused by the hunger instinct.

Since the time of the witch doctors, it has been recognized that carefully concocted oral medicines, combined with strong suggestions, could produce remarkable results. When these concoctions are even more scientifically prepared and actually have certain distinct effects upon areas in the central nervous system, the alliance of suggestion and chemistry is even more effective. The measurement of the psychologic span between the cry of the hungry infant and the adult protestations of the unhappy patient suggests less distance than is present in calendar years. The appeasement of a certain type of hunger may well be a factor in the dramatic relief so often desired in the request for and the distribution of medicines.

It is quite difficult to avoid the analogy between the intensity of the American search for tranquility and primitive man's search for food. The ritualistic use of food and drink in both pagan and modern

religious rites, hints strongly at the magic meaning of today's "pill." It is also interesting to note that both alcoholism and narcotic addiction have increased seriously in the United States along with the dramatic increase in the use of tranquilizing drugs. This may also be an indication of the many-faceted character of the search for serenity.

Let us return to the problem of the inter-related needs of doctor and patient in the use of this particular group of medicines. Is there a similar need to which both doctor and patient respond in the request for and the granting of prescriptions for tranquilizers? It seems quite possible that such a situation exists. The patient who is tense and anxious comes to the physician seeking relief from this unbearable feeling. The physician is expected to perform some act which will cause the disappearance of this unpleasant state of mind and body. The roles of patient and physician are cast quite succinctly. The patient as supplicant, the physician as provider. Perhaps again, one could say, the patient as child, the doctor as parent, who will take away the hurt and restore the normal balance; a sense of equilibrium between one's inner and outer environments.

The maintenance of a successful physician-patient relationship relies almost entirely on the resolution of their mutual expectations. The physician must relieve and the patient must be relieved within a reasonable amount of time and with a reasonable amount of effort. But, the question arises as to whether the expectations of this particular group of patients are in their own best long-term interests. The demands on today's physicians are heavy and their offices are crowded with many people who are suffering from what has wisely been called "the emotional problems of living." Physical appraisal of the patient's difficulties is usually done thoroughly, but there is no time for mental appraisal, so the dispensing of a magic pill is often the solution to both the patients' and physicians' needs.

The advisability of approaching 100 per cent tranquility must be questioned. Human behavior is motivated by complex forces at various levels of mental activity. These forces are not well explained although proponents of one or another "school of thought" will battle vigorously in defense of their special theories. Almost all of these experts will concur that some form of mental and/or physical disequilibrium brings about the feelings, thoughts, and actions that we know of as symptoms. A sense of discomfort which is termed anxiety is one of the most common of these symptoms. Are we justified in always assuming that anxiety in it's broadest sense is pathologic or unhealthy?

When a person feels pain, he is motivated to seek relief. This relief may take the form of a hot bath, an aspirin, a shot of whiskey, or the like. He may, if the pain persists and is severe, consult with his physician. When this same person experiences intense anxiety or "nervousness," he may also resort to similar measures. The point to be emphasized is that he tries to do something about it.

Similarly, if he feels tension, due to worry over some realistic environmental problem, he is pressed to do something toward solving this problem. The discomfort or anxiety acts as a potent force in the building of a positive attitude or plan to resolve his dilemma. Without this feeling of inner dis-equilibrium, there would be very little urge toward problem-solving. In the simplest of societies, the inner tension caused by hunger forced man to seek food. In the complex civilization in which we live today, tensions and anxieties may be provoked by a plethora of circumstances. Any one or combination of these circumstances calls for action toward resolution. Needless to say, a state of calmness, tranquility, or complete serenity will not contribute toward this action potential.

This is not an attempt to promote the idea that intense anxiety leads to creativity and problem-solving. Anxiety in its extreme forms is a neurosis, an emotional illness which requires the skillfull treatment of a physician trained in the practice of psychiatry. Perhaps the use of the term anxiety is in itself a misnomer; but, we will relieve it of its technical definition and utilize its broadest implications for purposes of this discussion. Mild to moderate worry, uneasiness, discomfort, and anxiety, are essential to human growth and progress. They are essential to problem-solving, to creativity, and to the accomplishment of the myriad individual and group goals that cross the stage of human drama. The right to worry might well be considered a basic freedom, without which man would be pulseless, purposeless, and non-directional. Man's strength must come from within. No pill, no chemical, no magic incantation can make him what he is not. Frustration stimulates growth. Emotional growth or maturation never ceases, but continues endlessly throughout the life span of each human being. Tranquilization induces regression and makes infants of us all. It behooves us, then, to take a second look at ourselves and recognize the inherent dangers of "The Magic Pill."

The Economic Cost of Mental Illness In Michigan

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IN THIS DAY of increasing public costs for programs generally subsumed under the rubric of welfare there has been an intensification of interest in the actual price which is paid for services to the people. Estimates of cost are put to various uses including comparison of programs of like designation throughout the states and comparisons of different types of welfare services within a state. These comparisons are probably undertaken for two basic reasons. First, there is the motivation to attempt to measure the services in question which have highly qualitative values in themselves not readily reduced to objective facts. In the welfare areas there is much of the qualitative, perhaps more than in other types of public services where goals can be more explicitly stated and the degree of success in achieving these goals is highly visible. As an illustration it is doubtless easier to have a public evaluation of the effectiveness of a state park program than that of a system of mental hospitals or of the competence of a surgeon than of a psychiatrist.*

Second, is the motivation based on economic valuation itself? This might be labeled determination of economic efficiency of a given program and has to do with the use of that money which is provided for service and the variability in cost of services presumed to be equivalent. The latter presumption, the *ceteris paribus* clause, is never met, of course, and therein lies the frustration of those desiring to ascertain a measure and those to whom the measurements made on economic bases are ultimately referred for explanation. The search for measures of economic efficiency which may have significant import for program planning purposes falls into the area of cost accounting which provides comparisons of cost of various parts of the service within a given program. Most accounting systems in the public welfare area have not reached the necessary level of adequacy to permit such analyses.

Estimates of cost may be used for determination of the magnitude of a public or social problem rather than for comparison purposes. It is that type of determination to which this report is addressed. It is suggested, then, that determination of the economic cost of a given welfare-type service provides one statement of the significance of the problem for which the service was devised. It is further suggested that use of such data for measurement of effectiveness or efficiency of program or for purposes of inter-program comparison is, at present, of dubious value.

This paper attempts to provide a somewhat more definitive statement of the public costs of mental illness in the State of Michigan for the 1957-1958 fiscal year. The year was selected simply because it was the most recent period for which data could be obtained from the necessary sources which are included in the analysis. The report is considered a factual document providing information. Final comments will attempt to suggest the implications of these facts.

Costs of illness are exceedingly difficult to estimate and mental illness with its less definitive boundaries makes the task even more complex. Perhaps the most common attempts at estimate have been those which take the budget of appropriate agencies, divide it by the number of people served and arrive at a per capita cost. This procedure is notorious for its inadequacy. Another estimate is provided by simply totaling the expenditures of the agency(ies) providing the service and taking this total as the over-all cost of the

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*Here the term public is used in opposition to the concept of subjective privacy. The results are public to the view of those qualified to evaluate them—they are not hidden.

disease. This method underestimates the cost to a considerable degree as will be demonstrated below.

Mushkin and Collings have recently provided a precise statement of the concepts which must be considered in estimating costs of illness and injury and the methodology of this report is heavily indebted to their comments.[1]

These authors point out that there are three types of economic costs which must be taken into account to arrive at reasonable estimates. The first of these is the actual use of economic resources for prevention, diagnosis, treatment, and rehabilitation of persons with the disease in question. These have been labeled *resource use*. In this area are expenditures for health services provided by personnel, complimentary commodities such as drugs, prosthetic appliances and medical supplies, public health programs, medical research, part of the cost of training personnel, and part of the cost of capital expenditures for facilities.

The second type refers to transfer of resources or income arising from mitigation of the burdens of illness and has been labeled *resource transfer*. Resource transfer affects the distribution of resources among families or individuals and as such is not a direct cost but, rather, is concerned with the transfer of income between those who are well and those who are ill or, in effect, to the use of resources for the ill group which removes availability of these funds for the use of the well. It includes payments made directly to the sick and financed directly from taxes or contributions (cash payments) and redistribution of the tax burden through statutory tax provisions designed to assist families in meeting problems arising out of illness (hidden subsidies).

The final type of cost is loss of resources occasioned by illness. This has been called *resource loss*. This is a loss in the quantity of resources available through the loss of human labor because of death, disability, and debility. Estimates of resource loss, which attempt to ascertain the economic gain which would accrue if sickness were eliminated, are based on measures of income either over a lifetime or during a given period. Such estimates make the assumption of full employment and unlimited technical resources which would make gainful employment of all eligible people possible.

It will be noted that there is no provision in the above conceptual schema for non-economic losses such as suffering, personal unhappiness, or social pathology which may result from illness of individuals. This is, then, a purely rational interest in costs.

This paper attempts to apply the above conceptions to the cost of mental illness. Because of limitations on availability of data, the cost has been further specified herein as that which consists of public costs paid through state, tax supported services and by individuals who are treated in state facilities for one fiscal year 1957-1958. (Hereafter referred to as 1958). The results provide a circumscribed estimate in that there is (a) no account of costs for private psychiatric care in any form; (b) federal costs are ignored and county costs, except for reimbursement to the state or for community clinics, are eliminated; (c) reference to resource losses to families who get psychiatric services through other than state programs is omitted.

TABLE I. RESOURCE USE

Public Funds		
Adult Clinics	$ 50,778	
Child Guidance Clinics	659,411	
Central Office	380,576	
Hawthorn Center	984,794	
Ionia State Hospital	2,556,541	
Kalamazoo State Hospita	7,391,792	
Lafayette Clinic	1,585,529	
Newberry State Hospital	3,052,157*	
Pontiac State Hospital	5,598,064	
Traverse City State Hospita	5,230,238	
Ypsilanti State Hospital	6,519,433	
Northville State Hospital	5,415,810	
Family Care Program	893,178	
Hospitalization by Private Contract Hospitals	6,230,379	
Miscellaneous	4,475	
Total		$46,553,155
Other Funds		
Local Clinic Support	$ 634,813	
County Reimbursements	3,312,805*	
Total		$ 3,947,618
Individual Costs		
Clinic Fees	$ 12,900	
Out-Patient Fees	4,723	
Individual Reimbursement	2,984,416*	
Total		$ 3,002,039
Total Resource Use		$53,502,812

These figures exclude all Federal expenditures and expenditures from gift, bequest, and donation funds.

*Deduction of 19 per cent taken on Newberry State Hospital for expense of their Children's Unit.

Resource Use

The total state expenditure for mental illness in 1958 was $46,553,155. The total individual costs were $3,002,039. Other sources of support totaled $3,947,618. The grand total cost or resource use was $53,502,812 during 1958. (Table I).

In this section of the report the State mental health budget serves as one basic measure of cost. Federal monies have been eliminated. Local budgets for child and adult community clinics pose a problem in interpretation, for, to include them violates the decision to measure State costs only, but, to exclude them

makes estimates difficult because the clinics are housed in facilities provided by local communities and secretarial service also comes from that source. In addition, some part of the professional staff is also locally supported and it is not possible to differentiate service on this basis. Yet, part of individual costs to patients are for service supported by local funds.

TABLE II. RESOURCE TRANSFER

Social Security	11,889 Claimants	$1,021,800
Social Welfare	250 Families	375,000
Vocational Rehabilitation	310 Clients	43,225
Individual Contributions (gifts, et cetera)		223,787
Total Cash Payments		$1,663,812
Total Hidden Subsidies (lost sales tax)		891,677
Grand Total Resource Transfer		$2,555,489

There is an overestimate of cost resulting from inclusion of all State support of the central office of the Department without regard for the fact that this office also has administrative responsibility for the State home and training schools for the retarded. It was not possible to estimate what part of that expenditure should be attributed to the services for the retarded but this was not considered an important shortcoming since the services of the central office would exist whether or not the programs for the retarded were part of its responsibility. Child guidance clinics also provide some service for mentally retarded children and these are not accounted for in the over-all evaluation of expenditures.

Costs to individuals for hospitalization or other State-operated psychiatric services are included as the second basic measure of resource use. Hospitalized patients or their families are expected to pay a daily maintenance cost for care which may be either full or partial payment. Families without adequate resources to pay such costs are not so assessed. Adults treated in community clinics are expected to pay fees based upon their income, if they are financially able to do so, and, in a few instances, fees are charged for child guidance clinic service. Income from these sources is stated separately as costs to individuals.

Resource Transfer

The total resource transfer was $2,555,489. Of this total, cash payments made up $1,663,812 and hidden subsidies made up $891,677 (Table II).

This aspect of the economics of mental illness is not a direct cost but a re-allocation of resources away from preferred uses for state and individual funds. Such expenses are measured here by the money from agency budgets which is expended because of mental illness and the money individuals contribute to mental health programs. All of these sources are considered as cash payments which are transfers of resources. Remaining transfers are the hidden subsidies which are the loss in State sales taxes due to hospitalization of adults who thereby do not pay a tax. Cash payments are from the Office of Vocational Rehabilitation, Department of Social Welfare for aid to dependent children and Social Security for mentally ill persons between fifty and sixty-five years of age who are eligible for social security and for child beneficiaries. They also included individual and foundation contributions to mental health agencies. The costs given in Table II are estimates provided by the appropriate office and are subject to some margin of error because of differences in statistical and accounting procedures which make exact amounts difficult to state.

Hidden subsidies are estimated by multiplying the adult resident population in the mental hospitals, family care or short leave by the average per capita sales tax in 1958 as reported by the State Revenue Department. It was assumed that had these patients been in the community they would have made this contribution to the State's revenue. There is something of a conceptual problem here for it might be argued that this was a resource loss rather than a transfer. However, to follow the framework suggested by Mushkin and Collings it is considered here as money made up by other individuals and transferred away from other purposes they might have.

Resource Loss

The best available estimate of resource loss indicates it to be $33,289,950 in 1958. Men would have earned $30,219,750 while women would have earned $3,070,200 (Table III).

This is perhaps the most difficult area of economic cost of mental illness to determine with accuracy since it involves estimating the increases in the quantity of resources which would accrue if hospitalized individuals were in the labor force. Here the estimate is based on the number of persons who are in the mental hospitals during a given year and the median income of employed persons in the United States.

No attempt was made to determine loss of income which might result from debility (loss of work efficiency or lost time) due to mental illness though this may be considerable. It is probable that a large part of the groups of persons who have high turnover in

their working situation with intermittent unemployment are victims of mental disorder.

To arrive at the loss of income directly due to hospitalization, the number of males between fifteen and sixty-four years of age who were resident, family care of short leave patients on June 30, 1958 was multiplied by the median income of employed males in the United States during 1958. To arrive at an estimate for women, the proportion of females in the hospital who would have been employed was considered to be equal to the proportion of women in the general population who are employed in this age group. This proportion was 35 per cent. Thirty-five per cent of the female patients in the fifteen to sixty-five age group was multiplied by the median yearly income of women in the United States in 1958.

It will be noted that it cannot be assumed that all of the patients who were considered as possible labor force candidates were unemployed for a full year because some were admitted during the year and may have worked prior to admission. This problem was handled by taking the total number of male admissions in the proper age groups and multiplying this by one-half of the median income for the year. The total income loss was reduced by this amount. The same procedure was used for females except that only 35 per cent of the total female admissions in the age group were considered in order to remain consistent with the other computational procedures for females.

The estimate for women may be somewhat low since it assumes that the proportion of hospitalized women who would work is the same as for the general population, when in fact, it is quite possible that they represent a population group in which a relatively great proportion of the women are gainfully employed. On the other hand, these patients may be representative of income groups earning less than the median income which thereby would tend to inflate the estimate. In addition, the estimate may be somewhat low because there is no provision for the cost of housework which these women would perform at home and which probably calls for hiring of housekeepers to replace them in many instances. Or, stated another way, the housework must be accomplished and is valued at some level of cost regardless of whether or not there is an actual cash transaction. In this sense most women in the hospital could be counted as losing income. The decision was made to eliminate this part of the resource loss because it appeared impossible to arrive at reliable estimates of the economic costs of housework.

There is a further understatement of cost because no accounting was made for the patients on convalescent leave and therefore technically available for employment. There is no data available on which to base estimates of income loss in this group because there are no data regarding what proportion of the group do, in fact, work all or part of the time.

TABLE III. RESOURCE LOSS

Number Male Patients 15-64 years old, 1958*		8,928	
Median Income of Males, 1958	×$	3,700	
			$33,033,600
Number Males 15-64 Admitted During Year		1,521	
½ Median Income	×$	1,850	
			− 2,813,850
Male Income Loss During Year			$30,219,750
Number Female Patients 15-64 years old, 1958*		7,887	
Per Cent Females in Labor Force, 1958	×	35	
Number Female Patients Losing Income		2,760	
Median Income of Females, 1958	×$	1,200	
			$ 3,312,000
35% Number Females 15-64 Admitted During Year		403	
½ Median Income	×$	600	
			− 241,800
Female Income Loss During Year			$ 3,070,200
Total Resource Loss			$33,289,950

*Includes Resident, Family Care, Leave of Absence and Escape.

There is a possibility that the resource loss is somewhat overestimated because there may be actual substitutions of personnel in the labor force so that there is no actual change in income. For example, a male patient who is hospitalized may be replaced in the labor force by his wife who works because he is not available for family support. In this instance there is no loss in the quantity of resources available except as the wife might produce somewhat less than the male adult. Again, there was no means by which to arrive at an estimate of such changes.

Comment

The three bases of estimate of Michigan's public and individual economic costs of mental illness during 1958 yielded the following data: Resource use was $53,502,812. Resource transfer was $2,555,489. Resource loss was $33,289,950. These three measures, although different in conceptual content, may be totaled to give an over-all statement of the economic cost of mental illness as herein defined. This total cost is $89,348,251 for one year.

The dollar valuation is high, perhaps shocking; yet, it represents only that part of the total cost of mental

illness which is paid for by public funds or by individuals using public services.

Mental illness is expensive but what else does this information suggest? Essentially, the answer is best determined through consideration of possible, rational alternatives which confront those who should, or would, make economic judgments regarding future program planning.**

The three major alternatives are to assume a static program with increasing costs as the state population grows, a reduced program with costs lowered by a number of methods discussed below or by an increasing expense brought about by putting additional funds into present programs which will increase them at a greater rate than the state population growth. If the richer program is to be accepted, the economic problem is one of determining how and where to get the increased funds necessary. If the static program is accepted as most appropriate, the problem is that of finding the additional monies which will be required to maintain the status quo in the face of expanding populations. If reduced cost is accepted as the ultimate choice, there are a number of possible alternatives.

1. *Economy in Services.*—It is assumed that humane care is a minimum service and that economy measures would not be considered appropriate which threatened this care. However, economy in services might be effected through reducing the expenditures for certain parts of the total program. Training of personnel provides an example. This does not eliminate the cost but would transfer it from the state system to some other resource. It could lead to a reduction in the numbers of personnel trained in the appropriate specialities since there is competition for recruits in the various occupations in the society at large and those occupations providing more extensive facilities will be in an advantageous position. Other economy measures might consist of cutting service to patients to the level of maintenance care without providing special treatment. Such measures could consist, for example, of eliminating occupational therapy, recreational therapy, psychiatric treatment, outpatient services and the like. With this approach, economic considerations become the determiner of programs in a large measure.

There may be economies which could be effected through study of procedures, record systems, work loads and such which would not detract from present service and, in fact, might improve it. The question here is that of the present applicability of these techniques to psychiatric programs.

2. *Expansion of Service.*—Economy here would be based on the long-run expectation that improved treatment facilities would ultimately reduce over-all cost by successful rehabilitation of larger numbers of patients in shorter time periods. The procedure would depend on taking a calculated risk, the success of which could be determined only after the fact. The approach consists of making available the most appropriate treatment which psychiatry, psychology, and the other specialties can devise and later determining if this actually results in measurable improvement in patient rehabilitation.

3. *Increase Research.*—This procedure would put the emphasis of economic resources on a concerted research program while maintaining patient care and treatment programs at their present level or even changing them by expansion or contraction. Such a program would, presumably, concentrate on basic research, at least, initially. Later there might be emphasis on research dealing with application of the results of the basic research.

4. *Reorganization of Services within Present Resources.*—An approach of this kind assumes that the present services are not the most successful means which could be devised to arrive at the desired goal of patient rehabilitation and that, from the point of view of this analysis, a reorganization of means could lead to a decrease in economic costs of mental illness in the long run. Rather extensive experimentation with considerable program flux would doubtless characterize attempts of this nature.

A few comments about the implications of each of these general alternative economy measures are in order. The notion of reorganization of present service is appealing, if only because it suggests that by some effort, no matter how herculean, it will be possible to do better. To "do better" probably means to "do different" and just what the change should be may be largely a matter of trial and error. In and of itself this sort of empirical testing is probably ra-

**It is not meant to imply that program planning is appropriately determined by economic factors. Rather, resources are assumed to set limits on the program and certain alternatives can be considered from the economic viewpoint. This is not economic determinism but rather is a long run analysis of the interrelationship between program and resources.

tional enough and may yield fruitful results. There are two easily recognizable dangers in it, however. First, change in program may not make any actual difference in results with patients, nor in future costs which is the focus of attention here. Second, it is not an easy matter to bring about extensive change in programs which have become institutionalized.

Systems have a way of maintaining their equilibrium which, while necessary and advantageous for an ongoing program, may be difficult to disrupt. If such disruption is brought about there may be severe disturbances in the system which could be dysfunctional for the treatment and care of patients. On the other hand, means for bringing about program change can be found and, with appropriate care and recognition of the probable results of system change, it is possible to establish a new equilibrium which may be more effective for the purposes of the system—in this case the mental hospital. There is no logical reason to deny the possibility of reorganizing programs; the practical limitations may be great, especially within existing financial resources.

Economy in present services seems to be ethically dubious insofar as it requires eliminating parts of the treatment program or services to patients. Efficiency measures, on the other hand, might yield significant results both in costs and effectiveness of service. Doubtless, rather extensive study of this possibility is required if economy, within present resources, is to be sought. Perhaps the major problem with this approach is to reach a congruence of opinion and valuation of practices between the efficiency analysts and the professional staff since they are apt to perceive functions from a different perspective, and translational problems loom large.

Expansion of services with the long-run expectation of cost reduction is a method of eventual economy. It is predicated on the assumption that such enriched treatment programs exist at least in theory or can be devised and that they can be appropriately evaluated. There is the danger that expanded financial resources will not actually be put into well designed new or improved programs but will simply be used to provide a bit more of the existing services. Therefore, it appears that this approach requires some specific, large-scale planning prior to expansion, if it is to fulfill the expectation of long-run economy.

Emphasis on research has great appeal especially in a culture which has seen the fruits of technological research and which has a strong commitment to the belief that society can control its destiny with the application of scientific effort. But, there are other social commitments which operate against a decision to place major economic emphasis on research. An intensive basic research program demands a consistency of action which may have repercussions in the form of public and moral pressures to do more for the patients presently hospitalized. It requires holding firmly to a long-range goal. It is an expensive program.

Acknowledgment

The authors wish to acknowledge the assistance of Melisande L. McGrath who compiled most of the financial data included herein.

Reference

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Leprosy Rehabilitation

Leprosy has suddenly become one of the world's foremost rehabilitation problems with only one properly trained doctor to help every million of those cured or arrested.

Paul Brand, M.D., of Vellore, India, pioneering authority in the field of leprosy rehabilitation, reports that surgery can enable leprosy-paralyzed hands to become useful and efficient at many jobs.

Director of orthopedic surgery at the Christian Medical College at Vellore, and director of New Life Center, a rehabilitation village for his pre- and post-operative cases, Dr. Brand has transplanted tendons and re-educated hands totally lacking in feeling for hundreds of patients in the past twelve years.

"Leprosy has suddenly become one of the most important rehabilitation problems of our time. Until recently, the outlook has been so hopeless for its 12 million sufferers that serious rehabilitation was attempted by only a very few. Little or nothing was done about the mutilations and paralysis of the disease for two main reasons: first, leprosy was thought to be incurable and it was thought that its deformities would be progressive unless the disease was cured, and second, if a patient has to be segregated for life anyway, why worry about mutilations that are common to all in the colony?"

Clinical Evaluation of Elipten

A New Anticonvulsant Drug For Epilepsy

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ELIPTEN® (Preparation BA 16308, Ciba) is a derivative of glutarimide which has recently been made available for trial in the treatment of the various forms of epilepsy. Doriden,® a widely used sedative and hypnotic derivative of glutarimide, has previously been shown to possess anticonvulsant properties but only at dosage levels which produced severe drowsiness in man. Similar compounds have therefore been assayed in experimental animals for similar anti-convulsant but less sedative effects. The present compound, elipten, was found to have such desirable pharmacologic effects, and clinical evaluation of this drug in the various forms of epilepsy seemed indicated.[3] Fabisch[1] and Lambros[2] have previously reported on the usefulness of this drug in limited series of patients with various types of convulsive disorder.

The chemical formula of elipten is *a*-(*p*-aminophenyl)-*a*-ethyl glutarimide. The structural formula is compared to doriden in Figure 1. It will be noted that both compounds are structurally different from other compounds commonly used in the treatment of epilepsy.

Material and Methods

Seventy-three patients suffering from various types of severe epilepsy classified as Generalized (Grand Mal), Petit Mal, Temporal Lobe (psychomotor) Focal and Myoclonus Epilepsy have been included in the present study. Fifty-two patients were studied as either in-patients or out-patients by the Neurology Service of the Detroit Receiving Hospital. Twenty-one patients were studied at other Neurology Services of Wayne State University (Detroit Memorial and Veterans' Administration Hospital). Of the latter group, five patients were under private care. In almost all, the diagnosis was confirmed by electroencephalographic examination. In this communication the diagnosis of petit mal epilepsy has been reserved for cases with attacks characterized by simple loss of consciousness without convulsive movement and characterized by symmetrical three per second wave and spike abnormality in the electroencephalogram.

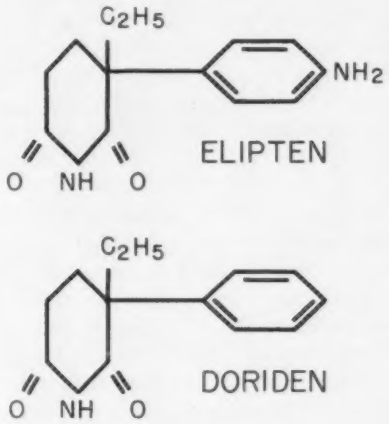

Fig. 1

All patients had total and differential leukocyte counts and urinalyses performed at regular intervals throughout the study. The usual dosage of elipten was 250-500 mg. three times daily. Experience has shown that it is preferable to begin with an initial dosage of 125 mg. three times daily and increase this gradually over the ensuing two weeks. By this means the incidence of toxic reactions such as dermatitis and drowsiness are minimized.

Results of treatment have been divided into five groups:

From the Departments of Neurology, Wayne State University College of Medicine and the Detroit Receiving Hospital, Detroit, Michigan. This work was supported by a grant from the Michigan Epilepsy Center and Association and with the assistance of Howard S. Goldberg, fourth year medical student, Wayne State University. Dr. Bauer is a U. S. Public Health Service Special Trainee of the National Institute of Neurological Diseases and Blindness (B.T. 498). Elipten® was supplied by the Ciba Pharmaceutical Products, Inc., Summit, New Jersey.

TABLE I. RESULTS OF ELIPTEN THERAPY

	No. of Cases	Per Cent
Satisfactory (Elipten alone)	29	39.7
Satisfactory (Elipten plus other therapy)	9	12.3
Indeterminate	23	31.5
Unsatisfactory	12	16.5
Total	73	100
Toxic reactions	21	28

1. Satisfactory control of seizures by elipten alone.
2. Satisfactory control of seizures after addition of elipten to other anti-convulsant medication.
3. Indeterminate results.
4. Unsatisfactory results.
5. Toxic reactions.

We considered "Satisfactory Control", either by elipten alone or after addition of elipten to other anticonvulsant drugs, to be present if all seizures ceased (the majority) or if the incidence of seizures was reduced to one per month or less. Furthermore, it was required that patients should be satisfied with their drug therapy to be included in this group.

"Indeterminate Results" were defined as that group of patients who failed to take their medication regularly but who showed improved control or who showed some decrease in the number of their seizures but in whom the control was not sufficient to fall into the "Satisfactory" category. This group included several patients who indulged excessively in alcohol contrary to medical advice which possibly may have introduced an artefact since alcohol is well known to increase the incidence of seizures.

"Unsatisfactory Results" included that group of patients in whom the control of seizures was not improved or actually increased while on elipten therapy.

"Toxic Reaction" comprises a list of all patients in whom complications occurred such as dermatitis or leukopenia.

Results

Seventy-three patients have now been evaluated and of these, twenty-eight are being continued on therapy because of excellent therapeutic response. Of the forty-five patients in whom the drug has been discontinued, twenty-two stopped taking the drug by their own volition. Many of these had epilepsy complicated by alcoholism, and while they were well controlled in hospital, they failed to return regularly to clinic or to take any medication. In ten patients, the drug was discontinued because of side reactions which will be discussed under the heading, "Toxic Reactions."

Elipten was discontinued in nine patients because there was no improvement in the frequency or an actual increase in the number of seizures. The drug was discontinued in one patient after craniotomy for brain tumor and it was not found necessary to re-institute therapy. Another patient was treated successfully for epilepsia partialis continua, and after discontinuing the drug, the seizures did not recur. Two patients died during therapy. One patient with severe generalized seizures asphyxiated during a convulsion following discharge from hospital. She was receiving numerous other anticonvulsant drugs including dilantin, mysoline, and phenobarbital at the time of death. It is not believed that elipten contributed to her demise. Another terminally ill patient suffering from myoclonus epilepsy died of progressive brain disease and inanition which was confirmed at necropsy.

TABLE II. CLINICAL SUMMARY OF CASES CONTROLLED BY ELIPTEN ALONE (29 Cases)

Number of Cases	Diagnosis	Average Age	Age Limits	Average Duration of Seizures	Average Duration of Therapy
21	Grand mal	33	16-57	6 years	8 months
2	Grand mal and petit mal	14	13-15	9 years	14 months
5	Temporal lobe (psychomotor)	37	13-60	5 years	6 months
1	Focal seizures	67	67	1 year	10 months

Satisfactory Results (Elipten Alone).—Twenty-nine patients (39.7 per cent) were found to meet the requirements of this group (Tables I and II). The majority had generalized (grand mal) seizures with or without petit mal seizures in addition. The remaining cases suffered from temporal lobe (psychomotor) or focal seizures. Six patients had not previously shown satisfactory control using well-established anticonvulsant drugs (phenobarbital, dilantin, mysoline, celontin, tridione, and diamox). It should be noted that there were two patients in this group with associated petit mal seizures. These attacks

were also relieved or greatly improved by elipten therapy.

Satisfactory Results (Elipten Combined with Other Anticonvulsant Drugs).—Nine cases (12.3 per cent) were included in this group (Table III). All of these patients had generalized seizures except one with petit mal alone. Two patients had both petit mal and generalized seizures. The number of petit mal attacks was reduced below one per month and the generalized seizures were eliminated. In all these patients with severe epilepsy, the elipten was added because of failure to control the attacks with previous medication.

TABLE III. CLINICAL SUMMARY OF CASES CONTROLLED BY ELIPTEN COMBINED WITH OTHER ANTICONVULSANT DRUGS
(9 Cases)

Number of Cases	Diagnosis	Average Age	Age Limits	Average Duration of Seizures	Average Duration of Therapy
5	Grand mal	41	15-62	20 years	6 months
3	Grand mal and petit mal	21	13-27	12 years	9 months
1	Petit mal	28	28	28 years	2 months

Unsatisfactory Results.—Twelve cases (16.5 per cent) showed no decrease or an increase in the number of seizures while receiving elipten (Table IV). Eleven of these cases had been treated previously with other anticonvulsant drugs with unsatisfactory results. Eight had generalized seizures, three temporal lobe seizures and three petit mal epilepsy.

TABLE IV. CLINICAL SUMMARY OF CASES NOT CONTROLLED BY ELIPTEN
(12 Cases)

Number of Cases	Diagnosis	Average Age	Age Limits	Average Duration of Seizures	Average Duration of Therapy
6	Grand mal	37	21-59	13 years	2-5 months
2	Grand mal and petit mal	15	2-29	8 years	4 months
3	Temporal lobe (psychomotor)	38	31-46	8 years	2 months
1	Petit mal	6	6	4 years	2 months

Indeterminate Results—Twenty-three cases (31.5 per cent) were found to fall into this category. Of these twenty-three cases, fifteen had generalized seizures, two had epilepsia partialis continua, four had petit mal either alone or associated with generalized seizures and four had temporal lobe epilepsy. All four patients with petit mal showed a decrease in the number of both generalized and petit mal attacks while on elipten. Duration of treatment in this group varied from three weeks to ten months. One patient receiving the drug for ten months showed a decrease in the number of attacks by 50 per cent but this improvement was not sufficient to meet the requirements necessary to merit inclusion in the "Satisfactory Results" category. Seven patients in this group are well controlled with elipten but the duration of treatment has been too short to permit inclusion in the "Satisfactory Results" group.

TABLE V. TOXIC REACTIONS

Number of Cases	Type of Reaction	Dose Limits (mg./24 hrs.)
6	Drowsiness	750-1500
11	Dermatitis	750-1500
6	Leukopenia	750-1000
2	Polyarthritis	750-1500
1	Ataxia	750
1	Numbness of face	750

Toxic Reactions.—No abnormalities were noted in hemoglobin determinations or in urinalyses during treatment with elipten. Toxic reactions appeared in twenty-one cases (28 per cent) (Table V). Six patients complained of mild drowsiness which improved when the dosage was reduced or as the tolerance to this effect of the drug increased. Eleven patients developed a morbilliform or urticarial erythematous and pruritic dermatitis. The dermatitis was mild and transient in nine patients, appeared in the second and third weeks of treatment and subsided by the fifth week. In all cases the rash and pruritus could be controlled by either reducing the dose of the drug or the continued use of antihistamines for several days. If the drug was started in doses of 125 mg. three times daily the incidence of dermatitis was reduced. Flushing of the face was a complaint of one patient. This appeared within minutes of each dose and disappeared in several minutes. Numbness of

the buccal mucosa was occasionally mentioned by one patient but was transient and not troublesome. One patient developed cerebellar ataxia similar to that seen with dilantin or mysoline toxicity which promptly subsided when elipten was discontinued.

Of the patients with toxic reactions, nine (12 per cent) are considered by us to be serious. Six developed leukopenia, three developed severe allergic (presumably) reactions manifested by dermatitis, pruritus, urticaria with bullae formation and polyarthritis in one patient. The single patient with polyarthritis and dermatitis did not show improvement of symptoms when therapy was discontinued and it is now considered that she is suffering from systemic lupus erythematosis. Whether this preceded or followed drug therapy is not known. All other patients recovered without residual symptoms.

Leukopenia occurred in six patients (8 per cent) and is considered a high incidence from drug therapy and emphasizes the importance of carrying out serial routine blood counts if elipten therapy is undertaken. Three cases of the six showing leukopenia showed recovery to a normal white count without discontinuing the drug. Two other cases had also shown leukopenic responses when receiving previous therapy (tridione and paradione). No case in this series with leukopenia has progressed to agranulocytosis or has suffered ill effects. In a preliminary survey of 1,214 other patients receiving elipten, only one case of leukopenia has been reported.[3] Lambros[2] noted no cases of leukopenia in thirty-five cases studied. However, fourteen cases in the series reported by Lambros apparently developed a skin eruption similar to those reported here. Fabisch,[1] in a series of fifty-one cases, noted no cases of leukopenia and five cases of dermatitis. He also noted that small initial dosage decreased the incidence of dermatitis.

Conclusions

Elipten appears to have anticonvulsant properties which are useful in the treatment of generalized and mixed type of seizure disorders and less effective in petit mal and temporal lobe seizures. The drug is structurally unlike other anticonvulsant medications now in common usage. It is unusual in that it shows anticonvulsant activity in petit mal as well as in other forms of epilepsy. Potentially serious toxic reactions are frequent and include leukopenia, dermatitis, and drowsiness. Because of the high incidence of toxicity, its use should be limited to cases in which safer forms of therapy have proven ineffective.

Summary

Elipten, a glutarimide derivative similar to doriden but structurally different from commonly used anticonvulsant drugs, has been evaluated in the treatment of seventy-three cases of the common types of severe epilepsy. Fifty-two per cent of the group was satisfactorily controlled with either elipten alone (39.7 per cent) or in combination with other anticonvulsants. In twenty-six cases in which other previous medications had been ineffectual, elipten was effective in controlling seizures in fifteen cases (57.7 per cent). Elipten was considered a failure as an anticonvulsant in 16.5 per cent of cases. Results in an additional 31.5 per cent were indeterminate. Elipten appears to be most valuable in the treatment of generalized seizures and moderately effective in the treatment of petit mal, focal and temporal lobe (psychomotor) epilepsy. This broad spectrum of anticonvulsant activity is rarely seen in other drugs presently in use. Twenty-eight per cent of treated patients developed toxic reactions of which 12 per cent were considered serious. Severe allergic reactions with bullous urticaria and leukopenia may occur. Because of the high incidence of toxicity, its use should be restricted to cases refractory to other forms of therapy. Dosage should be started with low dosage (125 mg. thrice daily) and gradually increased over the ensuing ten days. Routine blood studies are necessary since leukopenia may complicate treatment.

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"It is the privilege of genius to unveil the splendour of things. Where the ordinary man would see only a disgusting wound, the naturalist worthy of the name stands enraptured before a battlefield on which the mysterious forces of life struggle for supremacy, in an encounter more inexorable, more terrifying than any that the strenuous abandon of Salvator Rosa ever depicted."—"Manuscript of a Village Doctor," Anatole France.

Congenital Malformations in Infants Born to Michigan Residents In 1958

A *Preliminary Report*

Emily R. Hautau, M.D., M.P.H.
Lansing, Michigan

INTEREST in the number of infants born with congenital malformations to residents of Michigan was greatly stimulated by the very high death rate due to malformations in Michigan in 1956. Only Minnesota and the District of Columbia had higher rates that year. We do not believe that these high rates are the result of better reporting, particularly when we find sparsely settled states such as Arizona, New Mexico, and Utah with the next highest rates.

This study is being undertaken in an attempt to determine the number of babies born with congenital malformations to residents of Michigan during 1958, and so far as is possible, the incidence of various types of malformations. Data is being accumulated from birth certificates, all fetal and infant death certificates, and cases reported to the Michigan Crippled Children Commission. Information will continue to be collected from the Commission and from death certificates of preschool children as these become available.

The number of infants born with malformations is difficult to determine. Statistics based only on information recorded on death certificates is incomplete since many malformations are not fatal, and in addition, death may be attributed to other causes. Hospital records, including birth certificates, are equally limited, since many malformations are not diagnosed until weeks, or even years, after the child's birth. Actually no source of information is complete since many malformations go undetected and so are unreported and could be discovered only by universal autopsies.

Information can, of course, be accurate and comprehensive only if birth and death certificates are conscientiously completed by each attending physician.

The Michigan Certificate of Live Birth, Section 25D, under "For Medical and Health Use Only" provides a space under "Describe any congenital malformations" for reporting any malformation of the infant noted at the time of birth. A condition such as erythroblastosis, is correctly reported in this section of the birth certificate, but it is debatable whether it should be included in a tabulation of malformations and has not been in this report. Other conditions such as torticollis or brachial plexis palsy are commonly due to birth injury rather than a defect. Still others, such as "tongue tied" or phimosis are sporadically reported by only a few physicians. Physicians occasionally erroneously include in this section information applying to the mother, such as "contracted pelvis." More careful examination of all newborn infants, with complete reporting of abnormalities noted at birth and more autopsies following fetal or infant deaths would add much to the completeness of our knowledge regarding malformations.

It was decided to collect information regarding infants born with defects for calendar years starting with 1958 in order that the incidence of malformations could be correlated with events of possible medical importance occurring in a given year, such as an epidemic of german measles.

TABLE I. SOURCES OF INFORMATION

	Number	Per Cent
Birth certificates	1,732	52.5
Fetal death certificates	264	8.1
Infant death certificates	495	15.0
Crippled children comm ission records	806	24.4
Total	3,297	100.0

Our statistics are all provisional and are based on 205,791 consecutive total births occurring in 1958, of which 3,101 were stillbirths. To date (Oct. 1960) we have knowledge of 3,297 infants born in 1958 who had one or more malformations. The sources of our information are given in Table I.

Infants were born with malformations in approximately the same number throughout the year with no statistically significant difference in monthly rates. The frequency by month of birth is shown in Table II.

The incidence of reported malformations occurring

From the Maternal and Child Health Division Michigan Department of Health.

TABLE II. COMPARISON BY MONTH OF BIRTH

Month	Total Births Live Plus Still	No. Infants with Malformations	Malformation Rate Per 1000 Total Births
January	17,012	306	17.98
February	16,107	260	16.14
March	17,511	274	15.64
April	16,829	272	16.16
May	17,260	249	14.42
June	17,041	282	16.54
July	17,790	285	16.02
August	17,546	291	16.58
September	17,862	287	16.06
October	17,585	254	14.44
November	16,479	262	15.89
December	16,769	275	16.39
Total	205,791	3,297	16.02

alone or in combination with other malformations is recorded in Table III.

A breakdown of the miscellaneous group of 385 is given in Table IV.

The rates with which the ten leading malformations were reported to have occurred per 1000 total births (live plus stillborn) are presented in Table V.

TABLE III. INCIDENCE OF LONE VERSUS MULTIPLE MALFORMATIONS

	Occurring Alone	With Other Malformations	Total Incidence
Congenital heart	515	56	571
Club foot	471	61	532
Cleft palate and/or harelip	217	47	264
Hydrocephalus	167	39	206
Birth marks including hemangiomas	151	7	158
Polydactylism	137	17	154
Hernias	129	19	148
Hypospadius	125	9	134
Anencephalus	94	15	109
Mongolism	85	21	106
Meningocele	53	48	101
Congenital hip	80	21	101
Amelia	65	8	73
Spina bifida	23	46	69
Ear tags or defects	51	9	60
Syndactylism	34	19	53
Imperforate anus	27	17	44
Monster	39	0	39
Pyloric stenosis	32	0	32
Kidney abnormalities	30	1	31
Hydrocele	17	7	24
Tracheo esophageal fistula	18	3	21
"Multiple lesions"	352	0	352
Miscellaneous	385	0	385
	3,297	470	3,767

On many birth and death certificates physicians have simply reported "multiple anomalies" with no reference to systems involved. Hence, a true analysis of combinations of defects is impossible, but the most frequent combinations reported were:

Spina bifida and hydrocephalus.....12 cases
Spina bifida and meningocele.....11 cases
Congenital heart and mongolism.....11 cases
Congenital hip and club feet.....10 cases

The rate at which infants with malformations were born in 1958 (as recorded through October 1960) is 16.0 per 1000 total births. This is at best a minimum figure. Many malformations, such as congenital heart disease and cystic fibrosis, are frequently undiagnosed until the child is several years old. Other malformations may be unreported until the child enters school. In addition, many infants or children with malformations which may be recognized at some later date are

TABLE IV. BREAKDOWN OF MISCELLANEOUS CATEGORY OF TABLE III

Malformation	Incidence
Defect of arms, hands, legs or feet	60
Cyst or tumors	39
Atresia of bowel	35
Eye defects	28
Cystic fibrosis	19
Defect of brain and/or skull	18
Defect of lungs	13
Undescended testicle	12
Volvulus and other G.I. anom.	11
Pilonidal cyst or sinus	9
Atresia of bile ducts	9
Microcephaly	9
Other genital defects	7
Asymmetry	5
Hirschsprung's disease	5
Leukemia	5
Cystic hygroma	4
Sickle cell anemia	3
Thrombocytopenic purpura	2
Extrophy of bladder	2
Dual anal openings	1
Osteogenesis imperfecta	1
All other anomalies	88

cared for financially by the family privately and so are unknown to us. Hence, the true incidence of infants born with defects in 1958 is undoubtedly considerably higher than that reported here.

Of the four counties: Genesee, Macomb, Oakland and Wayne—each with more than 10,000 total births a year, and which combined have over 50 per cent of the births in Michigan—only Genesee had a rate

TABLE V. INCIDENCE OF DEFECTS (Per 1,000 Total Births)

Malformation	Number
Congenital heart	2.77
Club foot	2.58
Cleft palate and/or harelip	1.28
Hydrocephalus	1.00
Birth marks	0.77
Polydactylism	0.74
Hernias	0.71
Hypospadius	0.65
Anencephalus	0.52
Mongolism	0.51

(17.4) higher than the state average. In many counties in Michigan where yearly births number as few as forty, statistics on a one-year basis cannot be accepted as indicative of prevailing rates. Keweenaw County with a total of forty births in 1958 has had no infant reported with a congenital malformation to date. The

MICHIGAN DEPARTMENT OF HEALTH

Live births	202,690
Fetal deaths	3,101
Total births	205,791

Total congenital malformations—3,297

Malformations per 1000 total births—16.0

Counties with rates of 30 and over are outlined.

Fig. 1. Rate of birth of infants with congenital malformations in 1958 per 1000 total births by county of residence as reported through October 1960.

counties having rates of thirty or more infants per 1000 total births in 1958 with malformations are:

Alger	53.9	Cheboygan	35.5
Otsego	42.8	Arenac	35.1
Antrim	41.4	Ogemaw	34.8
Baraga	39.5	Clare	33.8
Alcona	37.0	Charlevoix	32.1
Lapeer	36.9	Livingston	32.1
		Midland	30.5

The twenty-five counties with rates of twenty or more and which had 8 per cent (17,640) of total births, had 14 per cent (470) of the reported infants with malformations. All but five are located in the upper peninsula or upper half of the lower peninsula (Fig. 1).

An analysis of the leading type of malformation, namely, congenital heart, will serve to illustrate difficulties encountered in this type of investigation. Results of tabulating the 277 death certificates on which it was stated that congenital heart disease was the

TABLE VI. TYPES OF CARDIAC MALFORMATIONS
(277 Death Certificates)

Type of Malformation	Number
Interauricular septal defect	23
Fibroelastosis cordis	19
Interventricular septal defect	16
Coarctation of aorta	12
Tetralogy of Fallot	9
Patent ductus arteriosus	7
Other circulatory malformation	31
Other and unspecified malformation of heart	160
Total	277

cause of death, are given in Table VI showing the types of cardiac malformation.

No differential diagnosis was made in 160 or almost 60 per cent of cases. It is highly probable that no further diagnosis was made because these infants did not live long enough or because no autopsy was performed. Their ages at death are shown in Table VII. Thirty-eight per cent lived beyond the neonatal period.

TABLE VII. AGE AT DEATH

Age	Number
Minutes or hours	35
1 through 6 days	85
7 through 27 days	49
28 days and over	108
Total	277

In reviewing vital records, one is confronted with a great variety of terms which refer to the same kind of malformation. For example, cleft palate, harelip, or both, may be referred to as mandibulofacial dysostosis, cheilognathus or Pierre Robin syndrome. Similarly "monstrosity" may refer to a number of defects, usually anencephalus, but should be specified. The use of a single descriptive term for each defect should be agreed upon.

Summary and Conclusions

The problems involved in attempting to acquire accurate statistics regarding congenital defects have been discussed. The congenital malformations which were reported as occurring in infants born to Michigan residents in 1958 have been enumerated. Ways of improving reporting have been considered.

The acquisition of accurate information regarding the prevalence of the various types of congenital malformations and their geographic distribution is necessary to develop research for their prevention, as well as for the treatment of children with congenital defects. An awareness on the part of all physicians of the magnitude of the problem is also essential. This can be achieved to the highest possible degree by:

1. Complete and accurate reporting by all physicians of all defects.
2. The use of standard nomenclature by physicians and hospital librarians in accordance with The World Health Organization's "Manual of the International Statistical Classification of Diseases, Injuries and Causes of Death."
3. Avoiding the use of nodescript terms such as, "multiple defects," "congenital defects," "defects incompatible with life."
4. Clarification of the conditions to be included and excluded.
5. Increased use of autopsies to detect the presence of all defects.

Acknowledgment

We wish to express our appreciation to the Statistical Methods Section of the Michigan Department of Health and the Crippled Children Commission for their co-operation in supplying records for our use in the compilation of this material.

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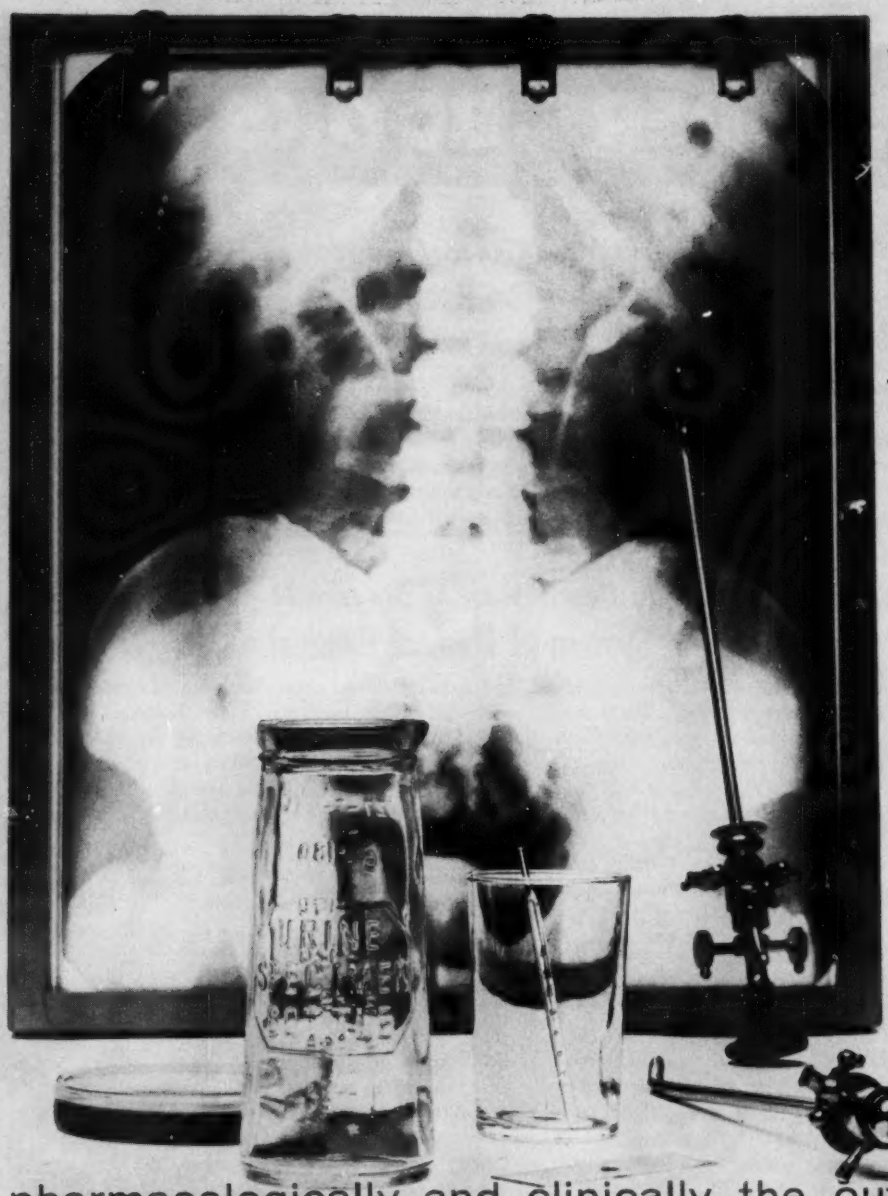

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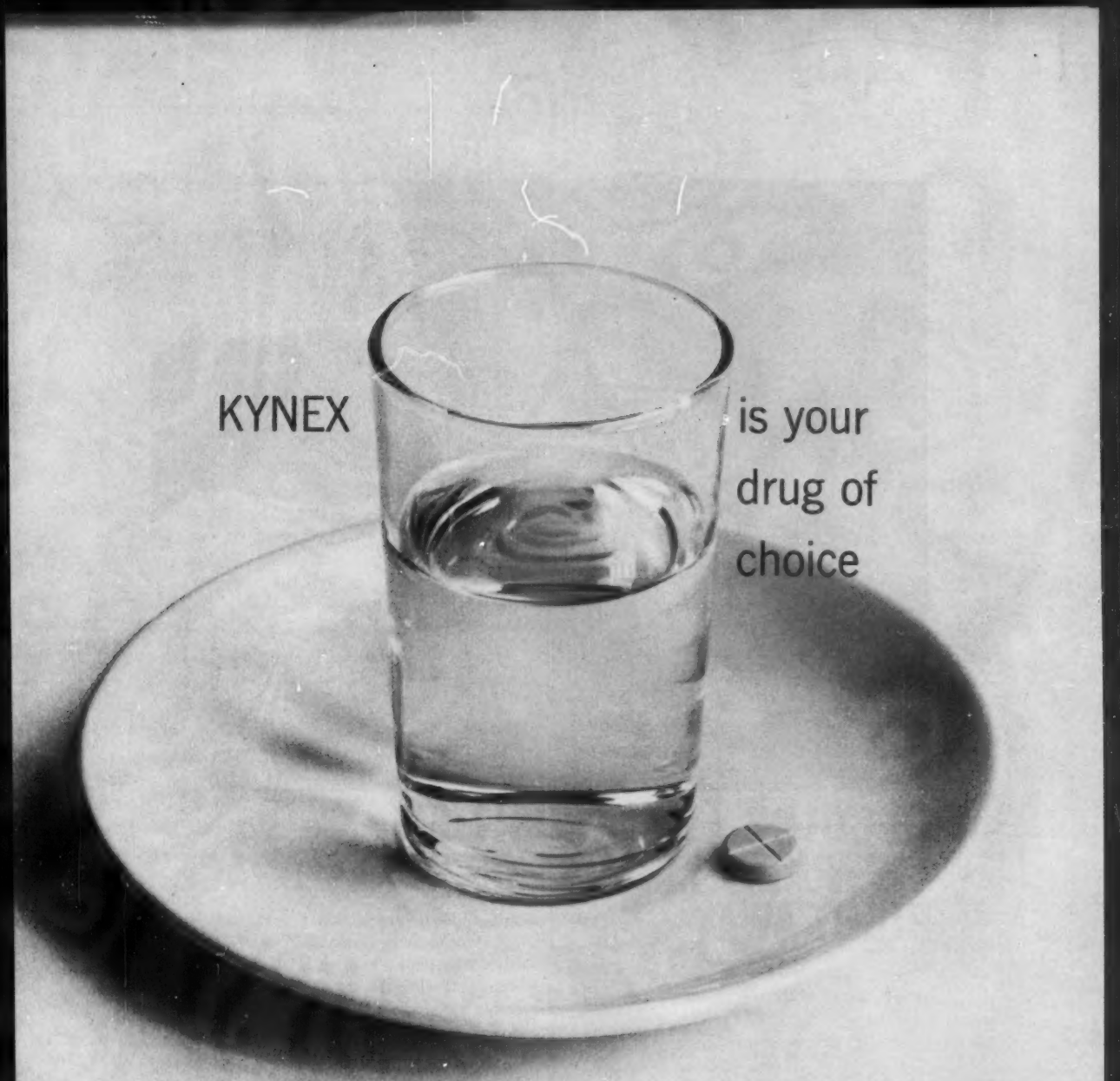

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Congenital Abnormalities of the Eyeball Accessible to External Examination

M. D. Bentley, M.D.
Cadillac, Michigan

FORTUNATELY, congenital abnormalities of the eye are quite uncommon, however they are by no means rare. Most general practitioners are not too well acquainted with ocular abnormalities probably because their exposure in medical school was slight and their memory possibly hazy concerning this slight exposure. It is the intention of the author to present a rather superficial review of the more frequent of these infrequent happenings. It is hoped that this might serve as a sort of refresher course for the doctor who has neither time nor inclination to delve deeply into the scientific aspects of these types of disorders.

The first condition to be discussed is known as *microcornea*. In this condition the whole anterior segment of the eye is small, the recti muscles are inserted far forward, the curvature of the cornea is increased, and the corneal refraction is increased. The vision is quite often unaffected other than for the refractive error which is often hypermetropic due to shortening of the globe. This type of eye unfortunately has a tendency to develop glaucoma which is important to bear in mind when discussing this with the parents of youngsters. The size of the cornea is influenced as a recessive characteristic with a familial tendency.

Megalocornea is usually a bilateral anomaly without evidence of raised intra-ocular pressure. The anterior segment here, conversely to the microcornea, is usually larger than normal, the most prominent feature being an enlarged circumference. The lens and zonules are also enlarged and the corneal curvature is increased and usually has a high astigmatic error; however, in some cases the vision may be normal. The anterior chamber is always deep, the iris stroma and dialator muscles usually show some atrophy with a resultant miosis. Frequently iridodonesis (tremulousness of the iris) and a tremulousness of the lens is noted. Frequently this condition developes cataracts in later life. The condition is ordinarily nonprogressive, but frequently glaucoma due to a dislocation or a subluxation of the lens occurs. It is usually hereditary; however, the cause of the enlargement is obscure.

A condition confused with megalocornea is *buphthalmos* or *hydrophthalmos*. This is a condition of structural abnormality in the region of the angle of the anterior chamber which obstructs the drainage of aqueous, so that glaucoma results. The coats of the eye are elastic in infants and are therefore stretched under the increased pressure and the whole eye enlarges, resembling an ox eye. This enlarged globe may give the appearance of proptosis. The sclera may be thin and blue-tinged, the cornea enlarged, thinned at the periphery and globular in shape, and the anterior chamber is usually deep. The cornea may be steamy as in adult glaucoma, depending upon the duration and elevation of the intra-ocular pressure. Ruptures in Descemet's membrane may give the appearance of fine striae over the cornea. The iris is usually atrophic and tremulous. The lens is smaller and usually displaced backwards. There is often marked cupping of the disc depending upon the amount of increased tension. It is most commonly thought that this is a persistence of a fetal condition where both scleral and uveal portions of the trabeculae persist and stretch across the angle and thus plug it up. The iris may be adherent to the cornea around the periphery. Schlemm's canal and associated networks may be entirely absent.

This condition is often associated with other anomalies of the eye such as coloboma and persistent remnants of the hyaloid artery. Also it is noted frequently to have a coexistence of neurofibromatosis and nevi in various locations. This is caused by a developmental anomaly in the mesoderm of the corneoscleral junction. The vision is usually subnormal from the start and the condition may stabilize itself in early youth due to the stretching process opening up the trabecula and the angle thus allowing outflow of aqueous, and the persistent embryonic tissue may become atrophic. Deterioration of the eye may be so insidious that many cases do not come under observation until visual loss is far advanced. It is more

frequent in males than females and usually bilateral. This condition may be divided into three essential types mainly for convenience: (1) Early cases without corneal opacity or tears in Descemet's membrane which respond to conservative treatment. The treatment in this case would be miotics. (2) Cases in which a deformation is present and the raised tension has started to cause structural changes. In this type decompression operations are done. (3) The far advanced cases where the deformity is marked and the vision is lost. Sometimes in this type, enucleation is required. The operations used in the decompression procedures differ according to the different surgeon's tastes. The prognosis is extremely poor and the operative risk to the eye is great.

Keratoconus is a condition where the cornea is shaped like a cone. It is thought to be a congenital anomaly involving weakness of the corneal structures. This weakness is associated with postnatal influences and rarely causes symptoms before adolescence.

A *congenital leukoma* is a dense white opacity deep in the corneal substance sometimes having the iris adherent to it, but the chamber may be well formed. This may be ectatic and may lead to perforation. It is seen fairly commonly in buphthalmos due to a break in Descemet's membrane allowing the aqueous to enter the corneal substance. A familial tendency has been noted in this condition.

Congenital anterior staphyloma is a condition where a child is born with an opaque cornea which bulges prominently through the lid. This cornea has a slight bluish tinge because its posterior surface is lined by uveal pigment. The eye is useless and frequently ulcerates and perforates, requiring enucleation. Bowman's membrane is usually partially absent and Descemet's almost consistently so, and the lamellae of the cornea are replaced by irregular cellular tissue. The iris is adherent to the cornea over a part or a whole of its extent and the lens may be absent, sunken, or cataractous. There may be an intra-uterine inflammatory condition as a cause or it may be a maldevelopment. It has, however, occurred familially and it may lead to buphthalmos.

A condition known as *blue sclerotic* is a congenital condition of unknown etiology where the sclerae are light blue colored which is caused by a diminution of the opaqueness, with the uveal pigment shining through the sclera giving it a bluish tint. It is associated with multiple bony and joint dislocations, multiple fractures, and deafness. The large number of associated anomalies in this condition seem to point to a general defect in the development of mesodermal tissue. The condition is definitely hereditary and transmission is that of a simple dominant. It is thought that the parathyroids may have something to do with it. Sixty per cent of these cases have fragilis ossium, 60 per cent have otosclerosis, and about 40 per cent have the combined. There is no known treatment except that if there is an element of hyperparathyroidism, then x-ray treatment to the cervical region might be of some benefit.

The condition known as *aniridia* is correct only in the clinical sense because there is always a rudimentary iris present. The short stump of iris is often hidden behind the corneo-scleral margin. The pupil is large and occupies the entire area of the cornea and the lens border can often be seen. There is usually photophobia and usually poor vision and frequently nystagmus. The poor vision is sometimes due to a congenital absence of the fovea in this condition. This is frequently accompanied by other ocular deformities, like an irregular shape to the cornea, ectopia lentis, cataracts, and so forth. The influence of heredity in this case is extraordinarily well marked, behaving as a dominant characteristic. The iris may be adherent to the cornea, block the angle, and thus cause glaucoma. There are many theories present, but the strongest one is that there is a failure in the development of the retinal ectoderm or an aberrant development of vascular mesoderm, and possibly both.

Simple coloboma of the iris is the next condition to be discussed. There are many types of colobomata of the iris, there is the total type where it involves a whole section of the iris up to the ciliary border; the partial type when only a segment is missing; a hole in the substance of the iris, or in the ciliary border type. This is one of the more common types of abnormalities occurring in the eye and is usually unilateral but occasionally bilateral. The shape and location of the defect is extremely variable and the iris is usually well developed except in the region of the defect where there may be only a small stump or where the iris may be absent altogether. The sphincter muscle may be absent or ill-developed.

The persistence of a pupillary membrane is common, hereditary influence is strong being transmitted as a dominant factor. It is thought that growth of the iris is prevented by abnormally developed and persistent vascularized strands belonging to the fibrovascular capsule of the lens. Others think that it may be simply an ectodermal defect. A partial coloboma of the iris may be variable: a notch coloboma, which

is not rare and is frequently multiple; or holes in the iris (pseudo-polycoria), or iris dehiscence. In these holes there is not a separate sphincter, but the hole closes when the eye dilates. Occasionally this defect may lead to buphthalmos.

Iridodiastasis is a defect along the periphery of the iris leaving the pupillary margin intact, which resembles essentially, an iridodialysis. This condition is an incomplete coloboma of the iris of which there are two kinds: a bridged coloboma, which is a rare anomaly, where the coloboma is spanned by mesodermal tissue derived from the anterior mesodermal layer of the iris. This may be a delicate film of gossamer-like tissue bridging the gap or it may be a stout band of tissue resembling the surrounding iris. Pits in the iris are quite common. These pits are in the surface of the iris, the floor of which is darkly colored, pigmented epithelium. The cause of this is obscure but it may be a failure of the development of the anterior branches of the great arterial circle.

The next condition is a *hyperplasia of the anterior layer of the iris stroma.* The accessory iris membrane is a superficial mesodermal layer of iris which normally terminates at the lesser circle and undergoes an atrophy and thus persists as a delicate tissue interspersed with pits. Sometimes it is transformed into a thick layer and it may extend across the pupil leaving irregular defects in the substance appearing as an accessory pupil. The tissue may insert into the lens capsule and thus cause a cataract. It may be thought of as a type of persistent pupillary membrane; however, this is not strictly the case.

Congenital microcoria is essentially an absence of the dilator muscle. This is rare and is usually bilateral. The pupils are considered abnormal if when the eyes are looking at a distant object in diffused daylight their diameter is less than 2 mm. Circular contraction folds are usually absent and there are but few indications of shallow radial folds in the iris. The pupillary reactions are minimal and the only symptoms may be a twilight blindness which may be treated by a surgical iridectomy.

Corectopia is an anomaly in the position of the pupil. Minor variations in the positions of the pupil are common, but the variations may be considerable. The pupil may reach occasionally almost to the peripheral border of the iris. It is usually bilateral, symmetric, and most usually the position is up and out. The pupil may be round, oval, or irregular, but the reaction is usually impaired or diminished. The eyes are frequently myopic and the vision is generally poor. It is usually accompanied by ectopia lentis (displacement of the lens) and is often associated with other anomalies.

Hyperplasia of the pigment border of the iris, or flocculi as they are sometimes called, are grapelike clusters of black nodules growing from the pigmented epithelium of the iris to the pupillary margin. These are darkly pigmented excresences, usually at the upper margin of the pupil and frequently bilateral. These usually remain stationary but occasionally become enlarged or cystic. They may become detached and float free in the anterior chamber or they may retain a thin threadlike stalk.

Summary

The foregoing anomalies have not been presented in any particular order of frequency or importance but strictly in the order that they occurred in the mind of the author. It is also not to be inferred that this by any means covers the field of congenital abnormalities; however, the conditions discussed are the ones that are more apt to come to the office of an ophthalmologist as a referral from a general practitioner. Congenital ocular abnormalities occupy a rather small space in the broad field of medicine; however, it is the feeling of the author that undoubtedly most generalists have run into puzzling ocular abnormalities in their everyday practice of medicine. It is the hope of the author that this article might recall some of these abnormalities to mind and possibly furnish the generalist with further acquaintance with these defects.

Hippocrates Plane Tree

NLM plans to plant, on the grounds of its new building in Bethesda, a slip from the plane tree on the Dodecanese island of Cos under whose shade Hippocrates is reputed to have taught his students.

Under the dateline of July 15 the *New York Times* reported that U.S. Ambassador Ellis O. Briggs in Athens had received several of these slips from the Greek Government. They are now in this country, temporarily under the expert care of the Agricultural Research Service's Glenn Dale Nurseries.

A Constant Search for Blindness

R. T. Blackhurst, M.D.
Midland, Michigan

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OPHTHALMOLOGISTS, pediatricians, and general practitioners know about amblyopia. They heard about it in medical school, discovered it in their offices, and have had their interest periodically stimulated by articles such as this. The unforunate parent, however, learns about amblyopia all of a sudden, and frequently after it has become uncorrectable. It's a terrible thing for a conscientious parent to learn that his six- or seven-year-old child is all but blind in one eye, particularly when he must be told that this blindness is no longer correctable. Yes, amblyopia continues to present a considerable problem to the doctors in Michigan.

The etiology of this disease is a simple one. There are only two known causes. One is a crossed eye, the other is a large refractive error in one eye. This sounds simple and it's difficult to understand why a problem such as this should continue to exist in our state. However, in spite of the simplicity, 5 per cent of the children beginning school next year will suffer from this ailment. When discovered early the treatment is certainly simple, but our problem has been one of early diagnosis.

Today, most medical people realize that an infant with a crossed eye needs attention. Physicians know that such a deviation, regardless of degree, will not correct itself. Examination and supervision by a qualified person is essential at a very early age. Certainly, most conscientious general practitioners and pediatricians in our state will very quickly refer to a qualified ophthalmologist any child at any age who demonstrates even the slightest tendency to a crossed eye. We are happy that the complacency of years past no longer bugs us in this regard. Physicians no longer tell a parent that the eye is only slightly crossed and time will correct it. We believe that this obvious negligence has been largely eliminated.

The Authors

R. T. BLACKHURST, M.D.

and

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The second cause of amblyopia, a refractive error, is however, somewhat more difficult to diagnose. There is no obvious sign which indicates that this three-year-old has a monocular refractive error. One can't make this diagnosis as the child enters the examining room. The resultant amblyopia, however, is equally severe. Children with an untreated monocular error will certainly lose all useful vision in this eye. The treatment is, of course, identical and early referral to a qualified ophthalmologist is essential. The important part, the diagnosis, is not difficult, but unfortunately it is frequently overlooked.

We consider it our job and duty to make a concentrated effort to convince generalists and pediatricians that they must check visual acuity in children over the age of three years. Performing this test of visual acuity on a three, four, or five-year-old is not an insurmountable task, as this article will later explain. If we could be certain that every physician who examines children is doing an adequate visual acuity test on children three or over, there would be no further need for concern and very little need for vision screening in the schools. Following such a test, if a defect is found, early referral to an ophthalmologist will result in early treatment and frequently it is possible to effect normal vision before school starts.

The treatment doesn't necessarily involve hospitalization, surgery, or even glasses. Parents needn't be concerned or frightened. They should, conversely, be pleased that their family doctor was conscientious enough to do a visual acuity on the small child. If a refractive error is present, the ophthalmologist will prescribe glasses. Most children who have a refractive error of this degree readily accept glasses and present

no problem to their parents. If the eyes are crossed, occlusion of the good eye may be temporarily necessary. Exercises may then follow, and it is possible that surgery will be necessary. These treatments are short, inexpensive, and not in any way dangerous to life of the child. Constant occlusion ordinarily is carried out for a matter of weeks. Orthoptic exercises may be necessary in certain cases for a period of a year or more. But these usually consist of thirty-minute visits with the technician once every week or two. Surgery, when necessary, can be done at any age. The period of anesthesia is short and often the hospital stay is no longer than twenty-four hours.

Because doctors of medicine were not routinely checking visual acuity on small children, some fifteen years ago the Michigan State Department of Health, aware of the problem, began developing vision services for children. We hope that some day vision screening in the schools, as carried out by the State Department of Health, local health departments, and the Michigan schools will no longer be essential.

We have learned much from the experiences of the Michigan State Department of Health of school vision screening. Much money and many hours have been spent, but on the positive side thousands of eyes have been saved. The Michigan State Medical Society has gone on record as approving vision screening in the school system when carried out by trained persons. However, it maintains that such screening must certainly be properly conducted, that parents must be made to realize that these tests are screening procedures and not complete or diagnostic examinations. Most important of all, it feels that no professional person with a vested interest should ever participate in mass vision screening. The reasons for this are obvious.

The Michigan State Medical Society goes further in offering the help of its membership to plan such programs. It recommends that no community-wide program in this field be undertaken without the approval of the county medical society, the local health department, or the Michigan State Department of Health. Vision screening is an important function and there have been many improvements in the past fifteen years.

Acceptable Screen Methods

Our responsibility in establishing satisfactory referral standards has led to evaluation and approval of screening equipment. Evaluation is made through trial runs and comparative studies. After comparative information is assembled on screening with a certain instrument, it is presented to the Sub-Committee of Ophthalmology of the Child Welfare Committee of the Michigan State Medical Society for discussion; the instrument is accepted if it meets current standards and it produces accurate results.

At present five instruments giving the battery of tests usually referred to as the Massachusetts Vision Test are accepted for use in Michigan. These include:

1. American Optical Massachusetts Vision Test (20 feet required).
2. Bausch and Lomb School Test (stereoscopic).
3. Keystone Michigan School Test (stereoscopic).
4. Titmus Optical School and Preschool Tests (stereoscopic).
5. Welch-Allyn Massachusetts Vision Test (20 feet required).

These instruments can be used for Snellen screening alone; the plus sphere test can be added to the basic Snellen; or the complete battery can be used in which screening for esophoria, exophoria, and hyperphoria is done in addition to the Snellen and plus sphere tests.

With the type of school construction presently in vogue and the crowded conditions in all schools, the stereoscopic unit not dependent upon 20 feet of space or outside light controls has proved to be a real contribution to screening. Without these instruments, screening would be completely impossible in many modern buildings.

When Snellen screening is to be done by the classroom teacher, a simple "pass-fail" chart using the 20/30 symbols which can be hung in four different positions is recommended. This gives the teacher sixteen combinations of six "E" symbols from which to select at random the three combinations of six symbols needed to screen each child's eyes. A plus sphere screening can be added by using + lenses and the 20/20 symbols which are printed on the reverse side of the chart.

In giving this kind of a test, no attempt is made to measure actual visual acuity.

Establishing Referral Standards

Accuracy of the referral of school children is under constant scrutiny by the Michigan Department of Health and the Sub-Committee of Ophthalmology. Reports of the examining doctors are summarized to

determine which children were found to need treatment.

Current referral standards are that children should be referred for a complete examination if they have

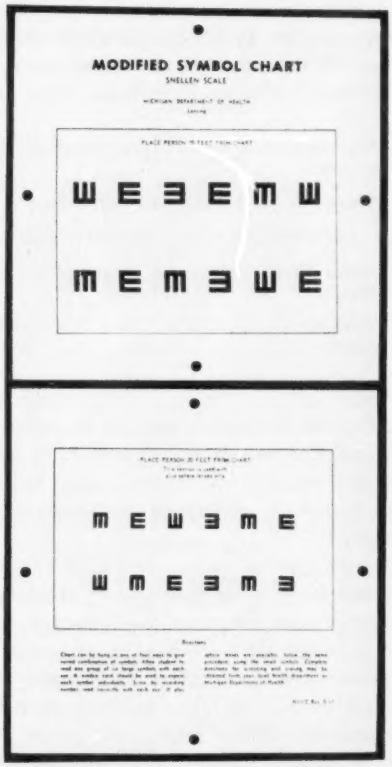

Fig. 1. *Modified Snellen Chart.*—Rapid, accurate Snellen screening can be done by the classroom teacher with this modified symbol chart with no danger of memorization.

less than 20/30 vision in either or both eyes (Test I in the Massachusetts battery), more than 1.75 diopters of farsightedness when reading 20/20 symbols (Test II in the Massachusetts battery) or if they have more than 1.25 diopters of hyperphoria, more than 4 diopters of exophoria at distance and 8 diopters of exophoria at near or more than 6 diopters of esophoria at either distance or near (Test III in the Massachusetts battery).

Parent and teacher observation is considered a valid basis for referral and should not be ruled out by a child's ability to pass a screening test. Any child having educational problems should also have the benefit of a complete eye examination. However, in all cases the doctor should be advised of the basis for the referral.

Percentage Referred

When the complete battery of tests is routinely given, about 10 per cent of the total number screened are referred. Of those referred, around 53 per cent fail Test I (Snellen), 4 per cent fail Test II (Plus Sphere), and 32 per cent fail Test III (Phoria); 11 per cent are multiple failures. Quite a few more are unable to pass the screening but are not referred because they receive routine eye care or have a permanent disability for which nothing can be done.

Technicians and Certification

It has been established that when instruments are used by trained screening technicians, time of the professional staff is conserved and screening results are extremely accurate. A method of training and certifying local personnel has been established by the State Department of Health in co-operation with state universities. Instruction periods last for one week during the summer sessions. Two or more classes are held each summer. At the end of these classes, which are taught by a member of the State Department of Health staff, a certificate is presented to each technician. Over 300 technicians have been certified since 1952 and some 150-175 are active each year. They are usually paid by the local health department or by the school system.

To keep the technicians up to date on new equipment, changes in referral standards, new techniques in screening, and changes in reporting, annual refresher meetings are held. The technicians must attend one of these meetings each year in order to maintain their certification.

Reporting by the Examining Doctor

A form to facilitate reporting by the examining doctors has been developed which is rather unique. It has greatly increased reporting particularly when used as a double postcard with the note to the parent on one side and the doctor's report on the other. The doctor's report is already addressed for return mailing to the health department or school. If confidential information is on the card, it can be inserted in an envelope by the doctor before mailing.

These reports are used by the health department nurses and by the teachers in helping to adjust the

children in schools. They are also summarized to help in determining screening accuracy.

A change will soon be made in these cards to ask the doctor to indicate if the difficulty is permanent or if future referral for the same difficulty will be unnecessary.

DOCTOR'S REPORT

FAILED PART 1 2 3

Name ..... School .....

Address ..... Date .....

Vision: Corrected R / L /

Uncorrected R / L /

Ocular Defect: Myopia..... Hyperopia..... Astigmatism..... Muscular.....

Eye Use: Special Seating..... Modified Work..... Normal.....

Treatment: Medical..... Surgical..... Exercises.....

Glasses: All the Time..... Part Time (when).....

No Treatment: Possible..... Necessary..... No Difficulty.....

Instructions and Remarks: .....

.....

.....

Return .....Wks.

for .....Mos. Signed ..... Degree .....

Exam. .....Yrs.

Michigan Department of Health H-360

Fig. 2. *Doctor's Report Card.* Used as a postcard and pre-addressed to the health department or school where it is to be returned, this form helps the doctor get needed reporting done easily.

Plan for Assistance to Local Eye Care Programs

The state vision program has been developed on the basis that building a successful local eye-care program for children is a community project. They must be considered local—not superimposed state programs. The state consultants do not go into a community and delineate a plan of procedure. There are certain basic recommendations and suggestions, however. These include use of an approved instrument by a trained person, using the screening—rescreening procedure, and setting up a plan for screening frequency.

The present recommendation for frequency is that the battery of tests be used in grades 1, 3, 5, 7, 9, 11, with the Snellen test being utilized in the interim year beginning in the kindergarten. Many variations of this are used dependent upon how this routine fits into the local school situation and how frequently the battery can be afforded.

Recent Adjustment in Screening Procedures

There was a notable increase in phoria referral following the introduction of the stereoscopic instruments. When these instruments are used, the tests follow each other very rapidly. It was determined to change the order of the tests so that the phoria tests were given first and the plus sphere test last. This would rule out the possibility of there being any left-over effect of the plus sphere lenses on the muscles of convergence which might influence test results. Since this change was made in the order of giving the tests, the number of phoria referrals has dropped to the normal level.

Better results have also been obtained by using line-drawing targets for the phoria tests rather than picture targets. It is recommended to technicians that instruments having picture targets be taped to cover details in the pictures.

Current Research

Even though most places report that 85 to 95 per cent of those examined receive treatment, a study is being conducted to try to determine if further improvement can be made in phoria referrals. In several areas (after the regular screening is completed), children failing the phoria screening are rescreened using 12 diopters of esophoria and exophoria at near and 10 diopters at distance. The reports of the examining doctors on need for treatment of the children who would not have been referred if the wider standards had been used will soon be summarized to determine if a change could be made to improve accuracy of referral without harming a large number of children.

Techniques Employed for Screening Three and Four-year-olds

Pediatricians and general practitioners particularly have felt the need for better screening techniques for three and four-year-old children. Old methods were not easily interpreted to children and as a result findings were usually inconclusive.

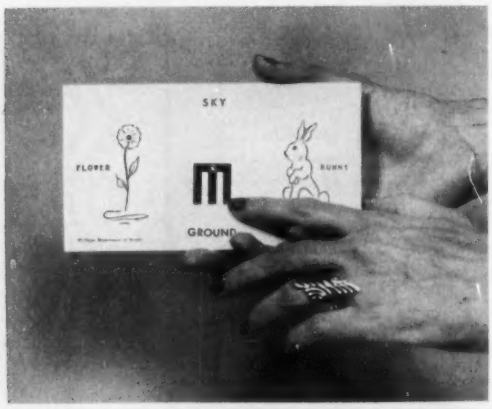

Fig. 3. *Home Teaching Device.* A home teaching device provides needed practice so that communication is easy and responses are reliable.

To make screening understandable to children and to attain their interest and secure their response, a chart has been developed showing a large picture of a rabbit at the right and a flower at the left, with sky and grass above and below. Six 20/40 E's are mounted on a wheel behind the chart so that by turning the wheel the E's appear individually in an aperture in the center. The child can indicate the direction in which each E is pointing by referring to the rabbit, flower, sky, or ground.

Miniature reproductions of the chart are to be sent to the children's parents prior to the screening. Instructions are on the back of the card telling parents how to play a game called "The Table That Points." The suggestion is made that the parents hold short practice periods by playing this game with the child for several days so that he becomes familiar with the E (table) and learns to tell the direction in which it pointed before he comes to be screened.

Although specifically designed for Michigan, the Titmus Optical Company has already put on the market a screening instrument based on these techniques and the Bausch and Lomb Company has one almost ready for marketing.

In conclusion, we hope that increased vision testing in the doctor's offices, and improved school and preschool screening will make for rapid progress toward our mutual goal, the prevention of blindness and the best possible vision for every school child.

Live Poliovirus Vaccine

During recent months, a number of conferences have been held at which progress in the field of immunization with live poliovirus vaccines was reported. These conferences include the meeting held in Moscow in May, the joint Pan American Health Organization-World Health Organization Conference held in Washington in June, and the 5th International Congress on Poliomyelitis held in Copenhagen in late July. The staff of the Public Health Service and its Advisory Committee on Live Poliovirus Vaccine has given careful consideration to the information available from these meetings—indeed, some members have actively participated in these meetings.

About a year ago recommendations relating to the manufacture and testing of live poliovirus vaccines were issued to facilitate the entry of interested manufacturers into this complex field. In late August the Committee met with the manufacturers and other interested persons in order to review these recommendations.

Revisions to these earlier recommendations, which will serve as the basis for adoption of regulations for manufacture and testing of the vaccine, have been agreed on by the Committee. These include the virus strains to be used, the general processes of manufacture to be followed, tests to be applied during manufacture, and factors relating to the continued safety, purity and potency of the vaccine.—L. E. BURNEY, M.D., Surgeon General, Public Health Servive, U.S. Department of Health, Education, and Welfare.

Children in Hospitals

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HOSPITALIZATION is one of the potentially traumatic situations any child can anticipate at least once. Both professional and lay people have been concerned with this problem and much has been written recently about it. Physicians recognize that anxiety aggravates symptoms and prolongs disease, but anxiety can be lessened. Physicians realize also that there is no better public relations for them, the hospital, or the whole of medicine, than a pleasant, positive hospital experience for both patient and parent. It becomes provacative when parents complain about their children's regressive, aggressive behavior or marked fearfulness after hospitalization for minor illnesses or surgery. But hospitalization can and should be a positive experience, a growth experience for both the youngster and his parents.

Development of a separate pediatrics department was the first step in helping all medical personnel see that children are not just miniature adults. In a children's hospital or in a general hospital, children have to adjust to unfamiliar demands and busy schedules. They need more time and explanations than adults; they present different physical, emotional, intellectual, and social problems. Hospitalization means separation from home and loss of love; it portends pain, repeated pain, mutilation, and annihilation. With these fears, children need more and consistent emotional support, for their concept of hospitalization is not based on rational logic. It is determined more by their fantasies, supported by their still immature thought processes. Based on a knowledge of their physical, emotional, and personality development, their needs can be met even within the limitations of a pediatric department of a general hospital.

While these principles have been generally accepted, there has been an apathy on the part of physicians, administrators, nurses, admission clerks, laboratory technicians, and other ancillary personnel to incorporate some of these procedures. Because there is constant need to impress personnel with the importance of prophylactic practices, some devices have been found useful in the pediatric department of a general hospital. This is a typical pediatric department of thirty-eight beds in a general hospital of 250 beds located in an industrial and farming community of about 150,000 population.

The most direct method used is the daily ward rounds which, in a community hospital in contrast to a large medical center, enables the personnel to have closer contact with the family and to become more aware of the whole child. During these rounds, the child's illness and hospital adjustment are discussed in relation to his previous medical and social history. Any of the participants in the rounds, physician, house staff, graduate or student nurses, may have an observation to contribute; but all become aware of the patient with an ailment, in contrast to the former practice in which the ailment predominated.

At weekly Grand Rounds, not only do all housestaff, pediatricians and other physicians attend, but also all city, county, public health and visiting nurses participate. While the nurses profit from inservice training, they contribute in terms of their knowledge of the child and his milieu and the effect of his illness on the community and vice versa. The housestaff becomes intimately impressed with the social and economic aspects of disease. Inevitably there has

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developed the best possible rapport and communication between public health nurses and the private practicing physician.

As another method to impress our personnel with the emotional aspects of hospitalization, and as a means to obtain a slightly different perspective and evaluation of our program, we invited representatives from the local child guidance clinic to participate in daily ward rounds and in "Grand Rounds." Our pediatric residents and rotating interns also attend staff meetings at the guidance clinic weekly to acquire more understanding of normal and deviant child behavior. At these meetings, they enter into the discussion and offer their comments on both the medical and emotional aspects of the cases presented. Over the two-year period of their residency, this would be the equivalent of a two months' placement on a psychiatric service.

To raise the question of where it is best to treat a child and what the effects of hospitalization might be, the resident and head nurse participated in a survey. Every afternoon at 4 P.M. for a month, they checked to determine in their opinion how many children (a) had been unnecessarily admitted to the hospital during the last twenty-four hours, (b) had been discharged but not called for, and (c) could be discharged with or without further care at home. These opinions, it is realized, were subjective and were made perhaps without a knowledge of all the details of the cases. The fact that attending physicians knew that a survey was being taken seemed to promote earlier discharge, or at least earlier discharge was more frequently encouraged by the house staff.

We were also interested in stimulating graduate and student nurses, even those who had just enrolled in the school, to be alert to the emotional problems of hospitalization. To do this they were given the following simple questionnaire:

(a) Who should be allowed to visit on pediatrics?

(b) What hours would you, as a nurse, prefer for visitors?

(c) If you were a parent, what hours would you want to visit?

These questions were asked not only to help the nurses reflect on our visiting program, but to help them understand better their own motivation, reactions, and relationship with the young patient and his parents. It is interesting to note that there was a difference in responses to (b) and (c). It was believed that they recognized that parents have problems to resolve when their child is hospitalized. In general, the questions were answered in terms of the needs of the nurse and the parent and not in terms of the needs of the child.

When a more liberal policy about visiting hours was set, the nurses as a group tended to be much more accepting than some of the replies to the questionnaire would have indicated. This was facilitated by the fact that the head nurse was a warm, self-confident person who was very capable in handling parents and nurses and was able to communicate her positive feelings to both groups as well as to the children. When the same questionnaire was given to the physicians, most of the replies indicated more concern for the nurses and administration than for the child's needs. One responded, "Change visiting hours, if it will make the parking situation better."

A very similar questionnaire was sent to the parents one month after their child's discharge from the hospital. Their replies were returned directly to the hospital administrator so that he too could see how parents felt about their child's stay in the hospital. In the questionnaires returned, many favorable comments were made regarding the flexibility of visiting hours and the parents expressed appreciation that in the time of their anxiety, the hospital as represented by the staff at all levels, was deeply concerned with the welfare of child and parents alike. Some mentioned that the role of the parent was not usurped, that they learned much in working with the nurses and staff in caring for their own child.

An arts and crafts program was inaugurated and conducted by the Junior League. Their presence on the ward again emphasized the "non-medical aspect" of the child's hospitalization. This program provided the children not only with games and toys, but also with mother figures who helped them and played with them. The children were encouraged to take home their "object d' art" and this gave them a very positive attitude toward the hospital. The program has been so successful that as a by-product, a volunteer department and hospital auxiliary have been developed to participate in other activities throughout the hospital.

Finally, perhaps the most interesting program constantly to remind the hospital personnel of the impact of hospitalization was the procedure of having the children draw pictures. On the first day of hospitalization, an intern asked the child to draw a picture of a boy or girl. Then a day or two later, the request was repeated with the directions being changed to "draw a boy or girl who had been in the hospital."

Many of the comments the children made were recorded. The interesting drawings were made into slides for group presentation to medical, hospital, social work, PTA and service clubs. There was a good response to the hospital program by these people. It was only in evaluating the drawings and comments that certain impressions were apparent. The very act of the intern's asking children to draw a picture fostered a good relationship between the doctor and the child and increased the intern's attention to the over-all problem of the child and to his feelings. Drawings can be most beneficial in terms of getting acquainted and allowing children to get out their feelings on paper in the presence of an interested, friendly adult figure. While the intern was aware of some of the implications of the drawings and comments, the actual interpretations were made by the consultant from the local child guidance clinic.

Some of the drawings indicated graphically how the children felt. The second drawing (a child who had been in a hospital) indicated greater dependency. Buttons were interpreted as a dependency-need indicator and there were many more buttons on the second drawing than on the first. However, above and beyond this in some of these sets of drawings, the children actually seem to fade away in each successive picture as their identity is lost. They are in bed, on a chair, or have crutches, or some other kind of support. Their drawings tend to indicate how much more their inadequacy feelings increase because of their hospital stay. There is a lot of overcompensation in terms of increase in the size of the figures in the drawings. The children in the pictures are not active, and tend to show a real need for build-up, for reassurance and encouragement. There is a great deal of concern with body parts and more especially those parts that are injured or are receiving medical attention. These children had a real need for reassurance that they will leave the hospital without losing anything vital. This was especially illustrated by one boy's drawing that changed from that of an active youngster to a boy with a crutch, hat and foot emphasis, showing that he was quite concerned about his foot which was the medical reason for his being in the hospital. He was also concerned symbolically with possible loss of his masculinity. The repeated concern is that something will be taken away from him. In a control group of school children who were asked to draw the same pictures, there was a marked tendency to associate being in a hospital with losing some part of their body or having some injury done to a vital part of their body.

Children are very vulnerable when in the hospital. They do become more dependent, feel inadequate and revert to a much more immature existence. They are very suggestible and receptive to any kind of stimuli whether it is negative or positive. The drawings they made repeatedly emphasized and illustrated these principles.

Discussion

There has been considerable interest in the emotional aspects of hospitalized children. This paper describes some techniques which proved helpful in a general hospital setting in alerting personnel to the total needs of the child. Ward rounds, questionnaires to nurses, doctors, and parents; visits of residents and interns to the local child guidance clinic; an arts and crafts program; and drawings by children in the hospital were used to stimulate interest. This is an ongoing study which already has shown many positive results. Many other techniques and procedures have been used to keep personnel aware of possible emotional trauma of hospitalization and to prevent unhappy results. School children have been encouraged to visit the hospital when they are well. Movies are available to them and their parents. There are questionnaires about the expressions used by children and their customary habits that can be filled out at admission time. Children have been encouraged to bring their own pajamas and pet toys from home. Pediatric departments have been enlivened with bright colors, home-like furniture, playrooms, live pets, sunporches, television and music. Meals are served family style. Library books and toy carts are available. Many hospitals are developing facilities so mothers may stay in, room in, with their children until discharged.

The American Academy of Pediatrics has published a manual, "Care of Children in Hospitals"* which reviews many problems. The Department of Maternal and Child Welfare of the Michigan State Health Department, in co-operation with the Child Welfare Committee of the Michigan State Medical Society and Michigan Branch of Academy of Pediatrics, is also preparing a check list for hospitals, elaborating on many of these and other principles of care of children. This will be valuable for self appraisal and improvement of pediatric services.

Repeated inservice orientation of all hospital personnel is needed, for all the benefits of good physical and material facilities can be negated unless protected by a happy, interested, competent, sympathetic staff.

*"Care of Children in Hospitals," American Academy of Pediatrics, Evanston, Illinois, 1960.

The Problem of Fluoridation

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FLUORIDATION as a public health measure has become an exceedingly problematic and controversial issue. This has transpired from the inability of the medical and scientific professions to preserve this as a public health measure to be dealt with by public health and scientific professions. Instead, it has been dragged into the public where the uninformed and biased have made it an issue ranging anywhere from a communistic plot to a political issue. Fluoridation has become as much (if not more) of a problem than was the institution of vaccination, immunization, chlorination of water, and pastuerization. Whenever any type of public health measure that requires some scientific basis becomes an issue among the population as a whole, and is allowed to get in the hands of the prejudiced, the hate-mongers, and the uninformed, one can expect to have considerable opposition in the institution of such a measure. This is exactly what has happened with the fluoridation issue, and this is why it is such a problem.

There seems to be little doubt in the minds of the great majority of the medical and scientific profession who have studied the problem or looked into it, that fluoridation ranks with and even above any other public health measure that has been introduced.

The basic research on fluoridation has been thorough, comprehensive, and substantiated. When one considers that over 8000 articles have been written on the subject, one wonders what else can be said about it. The first relation between fluorides and dental health was noticed in 1892 by Dr. J. Crittendon Browne. Since then the work has been extensive. One of the first authorative and illuminating reports comes from our own city of Grand Rapids, Michigan. At the same time, similar research projects were being repeated in Newburg, New York; Brandford, Ontario; Cheboygan and Madison, Wisconsin; and Evanston, Illinois. The results of the addition of fluoride to the water—one part per million—in these cities, have been carefully analyzed and the studies carefully controlled. The results of these studies have been very good, have correlated with one another very well and established quite definitely the benefit that occurs from the fluoridation of water. In different localities where these studies have been made (whether the fluoride has been placed in the water or whether it has occurred naturally), all reliable scientific reports show that only benefits result from this addition. These preliminary works have been duplicated and substantiated so that there should be very little question as to the beneficial effects. Also work done subsequently, especially by the Public Health Department, has ruled out with certainty the possibility of harmful effects on any system of the body from the fluoridation of water.

Fluoridation Increasing

It is significant when one reads the list of supporting and endorsing organizations for fluoridation. They include the World Health Organization; the Department of Health, Education and Welfare; Michigan Health Department; health departments of every state; American Dental Associations, and all schools of Dentistry; The American Medical Association, American Academy of Pediatrics and the American Public Health Association. It is also recomemnded by the American Nurses Association and, interestingly enough, the Commission on Chronic Illnesses. The National Research Council, The Michigan State Medical Society, the Michigan State Dental Society, and also many legal, civic and labor organizations have approved of fluoridation, as have many medical schools.

At least thirty million people in the United States are receiving fluoride in their water. Some of this is natural and some is added. Nearly 2000 communities in the United States are treating their water with fluoride to prevent dental caries. In Michigan, the number of communities which use fluoride water are approximately seventy and, in addition, fifty Michigan communities have naturally fluoridated water. What better proof could there be of the effectiveness of fluoridation when consistently from this number of people there is a reduction of 60 to 70 per cent in tooth decay? Also, in fact, there has never been any substantial reports of any harmful effect; certainly from such a number we should be able to find at least one substantiated report concerning the detrimental effects if they were present.

The number of cities which are placing fluoride in their water is gradually increasing. This rate of in-

crease has slowed from what it was ten years ago due in part to the general apathy of the population and also to the physicians and dentists who should be more interested. It is surprising the number of physicians that actually do not have a positive stand on this question and it is even more surprising the number of physicians and dentists who actually do not know whether or not fluoridation is good. There are many physicians who, when asked by the lay public whether fluoridation is beneficial, can only state their general impression. They can give no background material to this question and, what is even worse, they have no knowledge of where to refer to find the information.

Without much doubt, fluoridation of water is a most practical and certainly a most economical method of administering fluoride to a community. Sodium fluoride can be taken by pill or drops by the individual, if given daily from infancy to the adulthood. The expense is not too great but the practicality of this method almost eliminates it as a possibility when one considers the whole community and not the exceptions. It is almost impossible to induce any number of people to give or use anything, including medication, to a child or to an adult for a period of ten to fifteen years unless, of course, there is a threat of life or death involved. I feel it would be unlikely, with exceptions which are a minority, to expect a community to give sodium fluoride to their children for a ten to fifteen-year period, even if it were supplied without cost. It has to be administered in such a manner that the individual himself is left out. In other words it must be automatic with the human factor eliminated.

Quite recently we have had quite a bit of publicity about the use of a particular type of toothpaste which contains fluoride. From literature available, it would seem that this particular toothpaste does have some beneficial effects, if used daily and constantly. This has been endorsed by the American Academy of Dentists, but has been put on a Class B list which means that it is endorsed with reservations until adequate proof is obtained. This is a feasible and effective method for introducing fluoride to the teeth. A last method of application is topical which is being used in school children throughout Michigan and the nation. This is provided by the dental societies and the public health societies. This, too, is an effective method. The percentage of reduction in dental caries is not quite as predictable nor as great. It involves considerable work and expense, much of which is needless when other more practical methods may be had. Again, there is the necessity of human participation—which, from past experience, is never 100 per cent.

Controversy

The recent article by Donald J. Galagan, D.D.S.[1] on the nature of the fluoridation controversy in the United States, is very enlightening in explaining the difficulty in presenting this subject. He groups the people who are opposed to community fluoridation into four distinct groups: (1) The professional hate-monger who actually believes that such a thing as fluoridation is an evil plot against the people, conjured up by conspirators, capitalists, communists, and so forth; (2) the pseudo-health believers (This group includes members of religious organizations, chiropractors, naturopaths, organic gardeners, and the like. This group is opposed to almost every type of public health advance, and its opposition to fluoridation isn't unexpected); (3) those individuals who seize on the fluoridation controversy for personal notoriety or for increased status or prestige. Often in this group is a physician or dentist. In this group also is the individual who may dislike a person or organization that favors fluoridation and who therefore opposes the procedure as a means to an end. (4) This group is composed of those who see fluoridation as an invasion of the individual right to make his own decisions about what he wants to do for himself. This group includes many respectable, responsible individuals. In the case of fluoridation, the adding of an element to the water reaches almost every resident in the community. This difference has made the residents of many communities receptive to the propaganda produced by the organized anti-fluoridation forces.

In a study of various communities in which fluoridation has been accepted and also in a study in communities where it has been rejected, some interesting factors have arisen which may contribute to the acceptance of fluoridation by a particular community. The following are some of the factors which have been drawn. (1) In those communities where there is a high educational level, fluoridation has been much more acceptable then in those communities where the IQ or educational level is low. (2) Communities with a large number of children under the age of fifteen seem to accept fluoridation more readily than in communities where a large percentage of the people are over sixty-five.

Other factors which must be considered are the psychologic factors affecting each individual who must take some type of a regime which has to do with his

health. Psychologic studies brought up by Doctor Callahan revealed that in order for a person to be ready to accept any kind of voluntary health program or medication, he must feel that he will be susceptible to the disease. That is, that he can personally acquire it. Second, that this particular individual must feel that the disease will be severe if he does acquire it and possibly be a threat to his life. Third, the individual must believe that the proposed health measure will be effective and beneficial in preventing or alleviating the disease that he is susceptible to. In evaluating this in the light of fluoridation, we can draw some conclusions:

Caries a Health Problem

Old people and those people with children who have already grown up are not likely to be very concerned about dental cavities since the days of their active caries have passed and they do not see it as a personal problem to them. On the other hand, the propaganda distributed by the anti-fluoridationist proclaiming that fluorides can cause cancer, cataracts, heart disease, stomach disorders, kidney disease, et cetera, produce doubts in the minds of these people because these are ailments which the elderly population is susceptible to. They respond normally, then. With any doubt at all in their minds—that there may possibly be some harm, they will vote against fluoridation. As far as the severity of the disease is concerned, few people are alerted to the seriousness of dental caries as a health problem. In the younger groups of course, this can be quite a financial burden and is a potential source of expense. However, the older population is not likely to continue to have high dental costs. Here again the claims of the anti-fluoridation group are that the relatively serious diseases such as cancer, heart disease, and the like, will result from fluoride ingestion. Such claims are likely to seem more important than the dental caries to a relative majority. Because of the nature of its actions, fluoridation is beneficial to the adults of tomorrow. Consequently, only the people who have children of their own and who are intimately concerned with children, are likely to see the effects of fluoridation as beneficial. Since the greatest proportion of the voting or decision-making population can expect no benefits directly for themselves, they are not likely to be favorably disposed to fluoridation.

The problem of fluoridation as it exists today is not one of proving fluoridation is beneficial but rather convincing people that fluoridation is not harmful. This is a problem of educating a mass of people who are uninformed through no fault of their own. This evolves into another case of public health education. At the same time, the job is made more difficult because of a strong group of people who are in opposition to fluoridation for reasons which have very little to do with health and welfare—a group which is very strong, very opinionated and well-backed-financially in most instances. Members of this group cannot be talked to, swayed or reasoned with; the prejudiced among this group are so many that there is very little hope of changing their ideas.

As physicians, we must take a stand, we must promote health, we must urge vigorously proper fluoridation of municipal water supplies.

Reference

1. Galagan, Donald J.: The nature of fluoridation controversy in the U. S. A. Australian Dent. J., 4:3, 149-155, 1959.

Colon and Rectal Carcinoma

The co-operation of physicians is requested in studies on colon and rectal carcinoma recently initiated at the Clinical Center, National Institutes of Health, Bethesda, Maryland. Encouraging results in the treatment of gastrointestinal carcinoma have been reported using the pyrimidine analogues 5-fluorouracil and 5-fluorodeoxyuridine. However, other reports have raised the question of their effectiveness.

The Chemotherapy Service of the National Cancer Institute is conducting studies of these agents in carcinoma of the colon and rectum in order to better define their place in the treatment of metastatic gastrointestinal neoplasm. The side effects of these agents may be considerable so patients must be in good general condition in order to tolerate adequate doses. Also the presence of tumor masses which can be either measured directly or demonstrated on roentgen films is necessary in order to determine the antitumor effect of the drugs in short trial periods.

Patients can be accepted for these studies if they are ambulatory, have normal leukocyte count, renal and hepatic function and if they have metastases in the lung, peripheral lymph nodes (such as supraclavicular or cervical) or skin.

Referrals of such patients will be greatly appreciated. Physicians who wish to have their patients considered for study at the National Cancer Institute may write or call: Clyde O. Brindley, M.D., or Paul P. Carbone, M.D., National Cancer Institute, Bethesda 14, Maryland (OLiver 6-4000, Ext. 4251).

Trichophyton Tonsurans Infection of the Scalp

A New Menace

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THIRTY-ONE PER CENT of seventy-four new cases of tinea capitis examined in a six-month period during the latter half of 1959 were caused by *Trichophyton tonsurans*.* In this same series, *Microsporum audouini* was responsible for 62 per cent of the cases and *Microsporum canis* for the remaining 7 per cent.

The significance of this high incidence of scalp infections caused by *T. tonsurans* is of concern. The organism apparently has been successful in completing its northward trek from Mexico and the Southwestern United States and conceivably may soon displace *M. audouini* as the number one cause of tinea capitis in Michigan.

Incidence and Epidemiology

The original investigation was intended to evaluate the efficacy of griseofulvin** in the treatment of the common varieties of tinea capitis found in the community, namely, *M. audouini* and *M. canis*.[1] The large number of cases of *T. tonsurans* of the scalp encountered, however, quickly led to a readjustment of concepts of mycologic incidence to correspond more closely to those in known endemic areas. Such reports of scalp involvement with *T. tonsurans* in these well recognized endemic sites varies. Among those with incidence rates higher than that of this report are Galveston (56.6 per cent),[2] the semi-tropical zone of the Rio Grande River (75 per cent),[3] and Mexico (89.4 per cent).[4] However, the locus of this study seems to enjoy the dubious distinction of actually surpassing other endemic centers such as San Antonio (11 per cent),[5] Phoenix (9.4 per cent),[6] Los Angeles (11.8 per cent),[7] and the San Francisco Bay area (16 per cent).[8] Central Indiana, also, has been aroused recently over this new public health problem because of a 5.6 per cent incidence of *T. tonsurans* scalp infection occurring in January through June, 1959.[9]

In 1946, Slaughter and Cawley[10] reported the first patient with *T. tonsurans* ringworm in Michigan. The lesion was located on the knee of a four-year-old girl. The first case of *T. tonsurans* of the scalp in the State was presented by Hand in 1951 before the Detroit Dermatological Society. In the next three years, Hand and Georg[11] collected an additional thirteen cases caused by this organism in a total series of 103 cases of tinea capitis. Of these fourteen *T. tonsurans* infections, thirteen were in children ranging in age from eighteen months to fourteen years. One was in a sixteen-year-old lad. The incidence of tinea capitis was, therefore, 13.6 per cent in the Northeastern section (Saginaw, Tuscola, and Huron Counties) of Michigan's lower peninsula. Hand and Georg attributed the relatively high incidence to the influx of Mexican itinerant farm, orchard and foundry workers with subsequent spread, especially to the local negro population. Ten of their patients were Negroes and four were whites.

The present series of cases is from an urban area, in Wayne County, immediately adjacent to Detroit. The population of 300,000 comprises approximately 25 per cent Negroes and 75 per cent whites. They constitute a comparatively stable, middle and lower-middle class working group and are not the usual indigent patients seen in a public clinical practice. Ordinarily, these patients have their medical needs met by their own physicians. Private physicians, school nurses, familial case finding and patient referrals constitute the sources of the patients.

Seventeen of the twenty-three cases were limited to five families. Patients ranged in age from two to eleven years with one female patient aged seventeen years. There were sixteen males and seven females in this series. Twenty-two of the twenty-three cases

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*Examinations were performed at the Wayne County Health Department, Eloise, Michigan.

**The griseofulvin in these studies was furnished as Grifulvin (McNeil) through the kindness of Dr. Gavin Hildick-Smith of McNeil Laboratories, Division of Johnson & Johnson.

were Negroes. The age, sex and racial distributions are not unusual and are in keeping with previously published reports.[6,11]

The *T. tonsurans* organism has been considered to have arrived in the North as a result of population movements from Mexico and the Southwestern United States.[11,12] *T. tonsurans* infections are spread from human to human, and animals are not thought to serve as reservoirs or vectors of the organism.[13] Because of the well established geographic origins of the infection, a deliberate attempt was made to search out possible contacts with individuals from Mexico or the southwestern United States. Questioning of patients, parents and school officials failed to disclose any association with individuals from established endemic centers.

A high familial incidence emerges as the one solid observation concerning the epidemiology of the disease in the current series. Continued close familial contact with the use of the same towels, combs and brushes, and the like, undoubtedly explains the spread within the family. On the other hand, the sources of infection within the community remain to be established. Surveys of the school population quite obviously are indicated and these are being undertaken. Perhaps more precise geographic localization of individual cases will provide data enabling us to pinpoint the "core areas" more accurately.

Clinical Features

In a diagnostic appraisal of the patient with possible tinea capitis, most northern physicians will reflect years of experience with a preponderant number of cases due to *M. audouini*. We have come to equate non-inflammatory, circular patches of broken off hairs occurring in children with ringworm of the scalp. A brief examination of the suspicious areas with the Wood's lamp results in a characteristic greenish-yellow fluorescence thus quickly confirming the diagnosis. The more sophisticated diagnostician may consider the possibility of fungal etiology when presented with inflammatory pustular lesions or the well-defined, rounded, nodular, boggy kerion. Especially when these conditions are seen in an adult, how many physicians consider fungus infection in the differential diagnosis of simple dandruff, impetigo, ordinary folliculitis, alopecia areata, cicatrizing alopecia, or discoid lupus erythematosus? The time is ripe to broaden mycologic diagnostic horizons. It is impossible to diagnose the less typical variants of *T. tonsurans* infection unless offending hairs from every suspicious scalp lesion are carefully subjected to microscopic examination and to culture on Sabouraud's dextrose agar. Moreover, one is unable to differentiate *T. tonsurans* from other fungal infections without these simple laboratory aids. Unfortunately, the Wood's lamp examination of suspicious hairs does not provide confirmatory evidence for the diagnosis of *T. tonsurans*. At best, there is an unenthusiastic greyish-white fluorescence rather than the brilliant characteristic greenish-yellow fluorescence of *M. audouini* and *M. canis* infections. What, then, was the spectrum of clinical pathology observed in these twenty-three cases? It was exceedingly diverse and occasionally occult as the following analysis will portray:

Four of the patients (17.4 per cent), including the seventeen-year-old girl, had "dandruff." Only our firm resolve to do a microscopic and cultural examination of hairs on all scalp pathology enabled us to make the correct diagnosis in the first case examined. As we gained more experience with this infection, we came to value the somewhat irregular, patchy character of the dandruff which was associated occasionally with minimal hair loss (Fig. 1A). These points proved helpful in providing a clue to the presence of the *T. tonsurans* organism. Otherwise, the dandruff was of the usual seborrheic quality with greasy yellowish scales. Although we encountered no such examples, micaceous scaling may occur. Psoriasis, of course, then enters the diagnostic scene.

Eleven of the patients (47.8 per cent) had non-inflammatory circular patches of alopecia essentially indistinguishable from those of the average case of *M. audouini* (Fig. 1B). In one, a two-year-old Negro male, generalized small areas of practically complete alopecia were observed that readily might have been mistaken for alopecia areata. Therapy, incidentally, was successful in restoring complete hair regrowth. In these non-inflammatory patches, again irregularity of outline was helpful in pointing the diagnostic finger at *T. tonsurans* (Fig. 1C). Individual patches did not exceed 5 cm. in diameter and the average diameter was between 1 and 3 cm. These patches, then, were decidedly smaller than those of *M. audouini*. Also, the tendency to find strands of unaffected hairs dispersed throughout the patches is quite unique to *T. tonsurans* (Fig. 1C). A word concerning what is regarded to be the diagnostic hallmark of *T. tonsurans* infections of the scalp—the "black dots"—is indicated. These are infected hairs that are thickened and darkened by the mass of fungus spores within them. The hairs tend to break off at the surface of the scalp leaving smooth,

bald areas with the hair stumps imbedded in the superficial scales. This affords a speckled or "black dot" appearance. In a minority of cases (three patients), this feature was sufficiently striking to be helpful. In most instances black dots could not be found after tedious search amidst the scales and debris. We feel that the presence of black dots is helpful but their absence should not in any way dissuade one from considering *T. tonsurans*. Wood's light examination revealed whitish-grey fluorescence in only two instances. This fluorescence was not too dissimilar from the change in fluorescence preceding cure in *M. audouini* scalp infections treated around three to four weeks with griseofulvin.

Six patients (30.4 per cent) had definite inflammatory changes varying from patches of discrete superficial folliculitis to crusted impetiginous plaques (Fig. 1D). The lack of sharp circumscription, small size of the patches and presence of normal hairs were once more noted. Regional lymphadenopathy was present in two cases with the more severe degrees of inflammatory response.

Fig. 1. *T. tonsurans* infection of the scalp. (A) Irregular patchy "dandruff" with minimal hair loss. (B) Non-inflammatory, circular patches of alopecia resembling *M. audouini* infection. (C) Non-inflammatory patch with irregular outlines and unaffected hairs within the patch. (D) Crusted impetiginous plaques and folliculitis.

We had only one patient (4.4 per cent) with a large kerion. This was located over the occiput. There were two aspects of note in this case. The first was the development of a generalized papular "id" reaction of the legs and trunk after one week of griseofulvin therapy. This eruption cleared spontaneously after an additional week of treatment. Secondly, the gross appearance of the culture differed strikingly from the

other strains found in this series. The primary isolate had a purplish hue in contrast to the sulphur yellow to tan appearance of the other cultures.

The occipital and temporoparietal areas of the scalp were the favorite sites of involvement. Lesions appeared at one or both sites in fifteen of the twenty-three cases. The occiput alone was involved in ten instances.

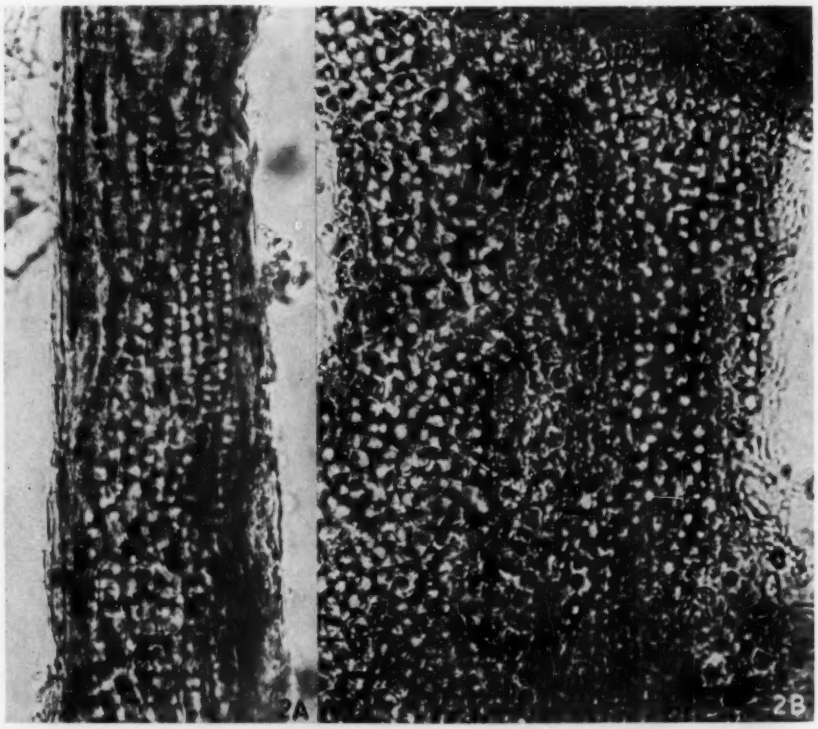

Fig. 2(A) KOH mount of hair infected with *T. tonsurans* showing parallel rows of large arthrospores within the hair (x150). (B) KOH mount of infected hair filled with arthrospores showing loss of chain formation (x300).

Mycologic Diagnostic Techniques

As noted previously, the brilliant greenish-yellow fluorescence of infected hairs under the Wood's light in scalp infections due to the Microspora is absent in *T. tonsurans* infection. This lack of a constant and characteristic fluorescence heightens the need for direct examination and cultural studies which one tends to forego when fluorescence does not appear in suspected cases. Only by means of these laboratory procedures can a diagnosis firmly be established.

The results of the laboratory examinations obviously depend on whether infected material is included in the specimen examined. In the absence of fluorescence acting as a beacon, the collection of clinical material for examination becomes a greater problem. An educated hand wielding the forceps is all-essential. Care and diligence are required in choosing the hairs and scales from the more active areas of the lesions, especially the "black dots" if the latter are present.

KOH Examination

Portions of the specimen from each case were examined in KOH mounts and the rest inoculated on Sabouraud's dextrose agar with streptomycin and actidione. The latter antibiotics were added to inhibit the growth of bacteria and saprophytic fungi. Care was observed to include all the specimen in either the KOH preparation or the cultures in order to avoid missing any infected material.

KOH examination revealed endothrix infection with rows of relatively large spores and hyphae inside the

hairs arranged parallel to each other and to the sides of the hairs (Fig. 2A). This was seen best when the microscope was focused to the plane of the hair with the greatest width. The arthrospores ranged in diameter from 4-7 microns. In certain specimens there were hairs that were choked so full that the spores appeared smaller and their chain formation lost (Fig. 2B). However, a few accompanying hairs with the characteristic spore size and chains usually were seen. Experience taught us to search for the infected hairs among the scales included in the specimen. In a number of preparations, the scales also were infected revealing the septate, branching hyphae characteristically found in scrapings from lesions of the glabrous skin or of the nail.

In contrast to the endothrix hair infection caused by *T. tonsurans*, *M. audouini* produces an ectothrix infection. Under the microscope the hairs are ensheathed by a mosaic of spores which are smaller. This outside sheath is best appreciated by focusing the microscope on the different planes of the hair.

Cultural Findings

Although a positive KOH examination is definite evidence of the fungus nature of the infection and indicates an endothrix or ectothrix invasion of the hair, it cannot be used for specific diagnosis of the causative organism. Species identification can be achieved only by cultural studies. Given an endothrix infection, cultures are needed to differentiate *T. tonsurans* from other endothrix dermatophytes such as *Trichophyton violaceum* and *Trichophyton schoenleini*. The latter two rarely, if ever, are encountered in this locale but the possibility of their importation from endemic areas is nevertheless always present.

Fifty-five isolates of *T. tonsurans* were obtained from this series of twenty-three patients with thirty-two repeat postitive cultures from seventeen patients while being treated.

Gross Morphology.—Initial growth of these isolates appeared on the third to fifth day after inoculation as whitish fuzz on the implanted hairs, or scales, or both. Subsequent growth was moderately fast so that in two to four days more the colonies attained a size of 8-12 mm. in diameter. The colonies at this stage were white in color and more or less circular, with regular borders, velvety to fine powdery surface, and an orange-yellow reverse pigmentation. At this time crater formation, folding of the surface, and pigmentation began to appear at the central areas of the colonies. The folding and pigmentation became increasingly marked and extended towards the periphery as the colonies became older. The vast majority of the isolates developed sulfur-yellow surface pigmentation; a few became cream to tan in coloration; one strain which had been obtained from the patient who developed a generalized id eruption exhibited a purplish pigmentation.

The cultures acquired striking folding of the surface with age. These were compared with the main variants of *T. tonsurans* described by Georg.[14] The present isolates belonged to either the crateriforme or sulfureum varieties. No cerebriforme or acuminatum type was seen. The surface texture of the older culture was more powdery with some isolates presenting a coarsely granular surface. The surface pigmentation varied from cream to tan to brown. The sulfur-yellow pigmentation that appeared at about one week's growth had been lost. The reverse pigmentation ranged from light to deep brown.

In comparison, the colonies of *M. audouini* isolated from patients during the same period spread more diffusely over the agar. The surface texture was more velvety and did not become powdery. Folding of the surface did not occur. The surface pigmentation varied from light grey to tan to light brown.

Microscopic Morphology. — *T. tonsurans*, unfortunately, does not have a characteristic microscopic structure, such as the fuseaux or macroconidia of *M. canis*, *Microsporum gypseum*, and *Epidermophyton floccosum*. Microscopic study of culture mounts from our strains revealed numerous microconidia, particularly when taken from the more powdery colonies. Rare macroconidia of the Trichophyton type were encountered in only four isolates. These were clavate, thin-walled and with three to six cells. Many chlamydospores were seen in all the strains, and nodular bodies in most. Two isolates displayed a few spirals and another two, a few racquet mycelia.

The microscopic picture was not of much help in differentiating *T. tonsurans* from *M. audouini*. The suggestive findings, when encountered, were the much sparser microconidia in *M. audouini* and the rare Trichophyton type of macroconidia in *T. tonsurans*. Georg[14] suggested the use of Wort agar for inducing the production of these macroconidia.

The repeat cultures obtained from patients under griseofulvin therapy did not differ essentially in gross and microscopic appearance from the original isolates before treatment.

Correlation of our results with KOH examination

and cultural studies confirms the value of performing both procedures. In the original attempts to demonstrate the organisms among the twenty-three patients before treatment, only eight were positive both in KOH examination and culture. In fifteen cases the organism was missed by direct examination, but appeared in the cultures. This was particularly true in the patients with the clinical picture of dandruff. In one case the organism was demonstrated only on the second attempt after both KOH examination and cultures were negative. In no instance during the pretreatment examination were the KOH mount positive and the cultures negative but this situation did occur a number of times during follow-up examinations of patients under therapy.

Course and Treatment

T. tonsurans infections of the scalp are noted for their indolent chronic course. Another feature is the occasional failure to clear spontaneously at puberty. Consequently, there is greater tendency to affect adults and curiously the adult female is affected far more frequently than the adult male.[2,3,15] Add to these considerations the frequent obscurity of the clinical picture, the high incidence of familial involvement with constant opportunities for reinfection and the disappointing response to topical treatment and one can readily appreciate the potential magnitude of the therapeutic problem.

Until recently, x-ray epilation ordinarily has been required for the cure of the more chronic non-inflammatory varieties of *T. tonsurans* infections of the scalp. Furthermore, the curative effects of x-ray epilation have been decidedly inferior to those noted in *M. audouini*. Also, unlike regenerating hairs in microsporum infections, the hairs in *T. tonsurans* infections are susceptible to reinfection. Hence, scrupulous follow-up treatment in an effort to remove all retained stubs of hair from the scalp has been required. As in the microsporum infections, the development of an inflammatory response with either pustules or kerion is considered a good prognostic sign indicative of spontaneous cure. The latter development may, however, take as long as twelve to eighteen months.

Since the advent of griseofulvin therapy, this gloomy state of affairs has been decidedly altered. One early report of treatment of trichophytic infections with griseofulvin heralds this agent's dramatic effectiveness.[16] Many infections of long duration, ranging up to thirty years and resistant to all forms of treatment, responded after several weeks of griseofulvin therapy. The cases in our own series are being treated with griseofulvin and the results of this therapy will be made known later.

Summary

The prime purpose of the report is to alert the practitioner to the high incidence (31 per cent) of tinea capitis caused by *T. tonsurans*. Preliminary epidemiologic studies are presented. The unique implications, clinical features, and diagnostic mycologic aspects of the disease are discussed and illustrated.

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Detroit Surgical Association

Abstracts of Papers Presented During the Past Year

MANAGEMENT OF THE PATIENT WITH THE POSITIVE CERVICAL SMEAR

HARRY NELSON, M.D., OSBORNE A. BRINES, M.D., ESTHER DALE, M.D., GERALD S. WILSON, M.D.

In an effort to establish more fully the accuracy of the cervical Papanicolaou smear, to study the causes of the so-called "false-positive" smears, and to therefore manage more intelligently the patient with a positive cervical smear, 100 consecutive patients with positive cervical smears diagnosed at the Yates Memorial Clinic in Detroit from January 1, 1956, through September 1958, were carefully followed from their initial examination at the Clinic to their ultimate diagnosis.

It was found that although the initial confirmation of the positive Papanicolaou smear was only 60 per cent, this figure rose to 94 per cent as more intensive effort was directed at gaining histological information. This included multiple punch biopsies, cold cone biopsies, dilatation and curettage, review of the cytological and histological diagnoses, and in rare instances hysterectomy.

SURGICAL CONSIDERATIONS IN OCCLUSIVE DISEASES OF THE CAROTID ARTERY

E. S. GURDJIAN, M.D., W. G. HARDY, M.D., D. W. LINDNER, M.D.
Grace Hospital, Detroit

Prior to 1950, there were scattered reports of cases of thrombosis involving the region of the carotid bifurcation. These were discussed as "unusual" causes of the stroke syndrome. Doctors Gurdjian and Webster reported four cases of carotid thrombosis in 1949. By 1953, our series had grown to include some thirty patients, and by 1956 there were seventy examples of carotid thrombosis. Thus, with increasing interest in the angiographic study of patients with cerebral vascular disease, occlusive lesions involving the carotid arteries are being observed more and more frequently. Our present series includes 258 patients with occlusive involvement of the carotid arteries, studied between September, 1948, and May, 1959.

The symptoms and signs in these patients varied considerably from sudden or apoplectic hemiplegia to mild episodes of dizziness or blurred vision. Angiographic study in these patients revealed complete occlusion of one or the other carotid artery in one hundred and thirty-one cases. The remaining 127 patients were found to have stenotic lesions, many of which were bilateral and frequently associated with either major occlusive disease involving branches of the carotid artery intracranially, or in some instances mass lesions including intracerebral hematoma, subdural hematoma, and brain tumor. In many cases, it was difficult to ascribe any of the patients' symptomatology to the stenotic lesion in the carotid artery in view of the existence of a major intracranial disease.

Surgical intervention was carried out in 111 of these patients, including seven craniotomies. A partial excision of a completely occluded vessel was done in seventy-eight patients, and in half of these cases an associated cervical sympathectomy was done in an attempt to improve collateral circulation through the external carotid system. Endarterectomy for complete occlusion was attempted in eight patients, but the circulation was believed to be restored in only one. Endarterectomy for a stenotic lesion was done in twenty-two patients, one of which had a bilateral operation. In each of these cases, good retrograde flow was obtained and the circulation was felt to be definitely restored in seventeen. The patency of the carotid artery in these seventeen examples was proven angiographically either on the operating table following the intimectomy or at a later date. Death occurred in three of these twenty-two cases during the postoperative period. Two of these patients were severely ill from the onset of their illness.

The prognosis in patients with stenotic lesions involving the carotid artery depends upon several factors. First of all, the collateral circulation either through the external carotid system or through the vessels at the base is extremely important. The possibility of embolization arising from ulcerating plaques in a severely atheromatous vessel producing forward embolism with occlusion of terminal vessels in the brain is a very strong possibility. Occlusive involvement of the major intracranial branches due to atheromatous plaques is another important factor in determining the effect of a diminished blood flow in the neck.

It is obvious that stenotic lesions involving the carotid vessels in patients past the age of fifty is a

fairly common occurrence. It is also obvious that a relatively small percentage of these people fall into the surgically amenable class. A very careful survey to rule out any existing mass lesion, needless to say, is vital as an initial step. The presence of multiple atheromatous lesions, both extracranially as well as intracranially, is also important in appraising operability. In any event, early angiographic investigation of patients with transient focal neurological deficits or abnormalities seems to us at the present time to be the only way in which severe and permanent hemiplegic states can be anticipated and perhaps avoided either by surgical or medical means.

THE TREATMENT OF ACUTE CRANIOCEREBRAL INJURIES

WILBUR D. HILST, M.D.,
AAGE NIELSEN, M.D.
Receiving Hospital, Detroit

The occurrence of head injuries in the society around us, both as individual injuries or as a part of multiple injuries, forms a large problem for all doctors. The experience with 892 consecutive head injuries of patients admitted to Detroit Receiving Hospital over a two-year period was studied. The mortality rate for this group was 9.4 per cent.

This group of patients was studied in regard to mode of injury, the appearance of complications and their treatment. The basic principles of initial treatment and evaluation of head injuries were outlined. The surgical treatment of the complications, especially subdural, epidural and compound depressed skull fractures was outlined. Finally, newer adjuncts in treatment, notably urea and hypothermia, were discussed.

TRAUMATIC RETROPERITONEAL HEMATOMA

SHELBY M. BAYLIS, M.D.,
EUGENE H. LANSING, M.D.,
WAYNE W. GLAS, M.D.
Wayne County General Hospital, Eloise, Michigan

Fifty cases of traumatic retroperitoneal hematoma were reviewed. Pelvic fracture was by far the most common source of retroperitoneal hemorrhage.

Abdominal pain was the most frequent symptom. Back pain, syncope and nausea followed in decreasing frequency. Symptoms of blood loss were often present and, in several instances, occurred without evidence of obvious hemorrhage. In several instances the hematoma exceeded 2,000 ml. without a visible source of hemorrhage. Hematuria was present in thirty-nine patients. Intravenous pyelograms were probably the most valued single tool in the diagnosis of retroperitoneal hematoma.

Twenty-five of these fifty patients were operated upon. Fifteen of the twenty-five had intraperitoneal injury in addition to retroperitoneal hematoma. Supportive treatment alone was the method of management in the other twenty-five.

In general, we do not recommend exploration and drainage of retroperitoneal hematomas unless injury to the retroperitoneal portions of the gastrointestinal tract is suspected. We believe some patients with a diagnosis of retroperitoneal hematoma can be treated conservatively with close observation. This group of patients should respond to blood transfusion, have minimal or absent peritoneal signs, and abdominal x-rays should be compatible with this working diagnosis.

If doubt or uncertainty develops with this program, we then recommend immediate operation.

Medical History of War Offered

Many of the medical lessons learned during World War I had to be relearned under fire during World War II because of paucity of distribution of the World War I medical history.

Lieutenant General Leonard D. Heaton, The Army Surgeon General, in an endeavor to prevent this costly relearning process in the unhappy event of another war, has directed the preparation, publication, and distribution of the "History of the Medical Department, United States Army, in World War II." General Heaton is anxious that information of the existence and availability of this History be circulated widely among the profession, both military and civilian.

Of the forty-eight volumes programmed for the series, fifteen have been published and can be purchased for $66.50, or medical volumes can be ob-Documents, Government Printing Office, Washington 25, D. C. The set of fifteen volumes may be purchased for $66.50 or medical volumes can be obtained. Commanding officers of medical units may requisition copies for their Medical Units libraries by submitting DA Form 17 directly to The Historical Unit, U. S. Army Medical Service, Washington 12, D. C., Attn: Promoton Branch.

Conference on Youth

At the White House Conference on Children and Youth, the material presented from Michigan was outstanding, according to R. H. Trimby, M.D., of Lansing. Prepared by the Michigan Youth Commission, no State had anything better and many of the delegates looked to the Michigan group for leadership. This reflects quite favorably on the many organizations in Michigan working in the Child Welfare field.

"We must not be complacent but each and every one should work to help solve the problems and to keep Michigan in the forefront," states Dr. Trimby.

Each component county society is urged to have a committee active in child welfare work. The State Committee welcomes any requests or suggestions for further study.

The 1960 Journal

In 1960, we have rejuvenated THE JOURNAL in many respects. We have changed the type face to improve the readability. We have changed the headline type and the layout of many of the items, especially the original articles. We have arranged news items and other copy differently so as to group the material more logically.

During the year, we have continued the policy established twelve or more years ago of dedicating most of the numbers of THE JOURNAL to some special interest or project of the state medical society and its members. In these special issues we have asked these medical interests, specialties or local societies to supply most of the papers used in that number of THE JOURNAL. This project was originally adopted to secure scientific material for THE JOURNAL. The annual meetings and various county meetings, while giving us much material, were not enough to fill the pages of THE JOURNAL.

In many states, securing original articles for their journals is still a problem, this being stressed in a Panel Discussion at the Interim Conference of State Medical Journals in Lexington, Kentucky, October 15 and 16, 1960, with 27 states represented and 79 registrants.

THE JOURNAL of the Michigan State Medical Society was established in September 1902 and has been published uninterruptedly making this December 1960 number chronologically, number 700.

The numbers of THE JOURNAL published this year have continued the policy of past years.

The January number for several years has been devoted to "Heart" and this year the theme was "Congestive Heart Failure," sponsored by the Michigan Heart Association, John G. Bielawski, M.D., securing most of the papers. This number constituted three sections, the scientific section, the proceedings of the 1959 House of Delegates, and a listing of the various committees.

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The February number was devoted to "Rural Health," featuring the AMA National Conference on Rural Health held in Grand Rapids.

The March JOURNAL was dedicated to the memory of L. Fernald Foster, M.D., who served the State Medical Society as Secretary for over 23 years. We have received many compliments on this number from all over the country.

"Cancer Control" was the topic for the April number with Gerald S. Wilson, M.D., serving as the coordinator, selecting the scientific articles and also making suggestions for the cover.

S. E. Chapin, M.D., assisted in securing outstanding editorials and papers for the May JOURNAL and helped to present a completely new concept in the study of Aging and the problems of older people. Plans suggested by the medical society in the April Conference were detailed in this number and have helped to stimulate the American Medical Association's concept that older people should not be retired, but their skill and knowledge should be used—even to the extent of developing new areas of activity.

As for a dozen years, the June number was given over to Michigan Medical Service, which was celebrating twenty years of service. The material for this number was developed with the aid of the staff of Michigan Medical Service and especially MMS President G. Thomas McKean, M.D., and Executive Vice-President L. Gordon Goodrich.

The Annual Session number, July, contained programs for the September meeting. The cover carried a picture of the 1959 House of Delegates in action.

The August number of THE JOURNAL, as for many years, was devoted to one of the County Medical Societies, this year the Kalamazoo Academy of Medicine. In addition to pictures of the four Kalamazoo hospitals, the cover contained also a picture of the far-famed Kalamazoo mall, the first permanent mall in the country. Robert D. Warnke, M.D., was of invaluable assistance and deserves much credit for securing the original articles and editorial material. There was a second section to this August number, the Membership Directory.

Mental Health was the subject of the September number, and Robert W. Waggoner, M.D., of Ann Arbor, assumed the editorial assistance job. He and his committee spent many hours going over the material, aiding in the editing, and supplying editorials and cover suggestions.

M. L. Lowrie, M.D., and Fred W. Whitehouse, M.D., coordinated in securing material for the October Diabetes number. They also produced a couple of very timely scientific editorials.

For many months, we had planned to use the November number as an introduction to our new headquarters building, but two strikes and other postponements delayed construction so long that this number had to be postponed. The Michigan Heart Association had been hoping they could move its special issue up to November, so that was accomplished this year. Doctor Bielawski, M.D., again supplied much of the material. The November number was smaller in an effort to get THE JOURNAL back on printing schedule. The Council authorized a reduction in pages, the use of only scientific papers, necessary editorial material, and the advertising.

For many years, the preliminary programs for the March Michigan Clinical Institute have been carried in the December number. Late in October, it became evident that this material would not be ready and it was therefore decided to postpone the MCI number until January. Child Welfare and Mental Retardation was originally scheduled for January 1961, but was then shifted to December 1960. R. D. Heavenrich, M.D., had arranged for several papers for the January number, and we used as many of those as could be obtained at this time, together with papers already on hand. Therefore this is a premature forceps delivery. A number of the papers previously planned could not be secured in the foreshortened time, but will be used at a later date. We appreciate the cooperation and understanding of Dr. Heavenrich in our effort.

We wish to thank all of these assistants throughout the year for their wonderful co-operation in producing these various numbers.

The House of Delegates

As the years go by, we marvel more and more at the democratic procedures through which the Michigan State Medical Society conducts its affairs. We have always contended that given time and opportunity, the medical profession will solve its problems and will bring to its public not only the best and most modern medical care but also socio-economic protection.

For many years, Blue Shield problems have attracted the attention of Council committees, House of Delegates committees and many other groups. Surveys were made, studies conducted, committee reports drawn up, and the House of Delegates in 1957, adopted a "set of principles." It instructed The Council and Michigan Medical Service to produce plans for health and medical service using the relative value theory and conforming to the demand that policies have three levels of coverage. These policies were developed using the best consulting actuaries. They were put into operation but dissatisfaction arose in the profession.

In 1959, the House of Delegates came through with an attempt at a solution of the problems. They changed many concepts, shortened the terms in the

MMS Board of Directors and instructed that a $6,500 ceiling program be developed. When the House adjourned in September 1959 most everybody was feeling content. A serious effort had been made to preserve the pre-payment theory for supplying medical services.

Some months later when practically all of the original $2,500 and $5,000 contracts had been converted into the M 75 group, financial difficulties and dissatisfaction again developed. Prospects for the September 1960 House of Delegates again seemed to spell trouble. Several groups including the National Blue Shield made studies and offered resolutions to the 1960 House of Delegates which were referred to one reference committee.

It was evident that mistakes had been made in the estimation of usage and costs. Also the State Insurance Commissioner had three times refused to grant the increased rating asked for in order to make the program work. The reference committee brought in another marvelous report endorsing the M 75 program as it was then working except for certain changes which must be made, advising the rejection of the proposed M 65 program, but suggested further study.

The House suggested that not more than two members of The Council be on the Michigan Medical Service Board. Seven new members were elected to the MMS Board, four representing the public. As a matter of fact, right now there is only one member of The Council on this Board. There are several who are past members of The Council.

We cannot help but feel that the problems of Michigan Medical Service can be solved if the members of the Medical Society, their officers and delegates are allowed to exercise their judgment. There is a feeling, however, that the particular political aspects of this year have had something to do with these troubles. In June, the State Insurance Commissioner, not believing it to be of best interest at that time, refused to allow a full increase of 19.25 per cent which MMS consulting actuaries said would have solved MMS difficulties.

Michigan Medical Service must now use up all of its reserves and skimp in every way possible if it carries out the orders of the Insurance Commissioner. The Commissioner, in writing his decision, recognized that half the population of Michigan depends upon MMS for its medical services, yet refused to grant the essential relief. He suggested that medical service might price itself out of the reach of subscribers. He should consider what would happen to the subscriber if Michigan Medical Service went out of existence. The price range for far too many of our citizens would probably throw them onto state relief.

J. J. Coury, M.D., New Council Member

Dr. J. J. Coury was born in Wheeling, West Virginia, in 1921 and was graduated from the Wheeling High School. He received his B.S. degree from Washington and Jefferson College and his M.D. from Western Reserve University in 1945.

He interned at Harper Hospital 1945-46, then entered the Army Medical Corps until 1948. He then took his surgical residency from 1948-52 at Harper Hospital and also a surgical residency at Children's Hospital in 1950.

In 1953, he was a Diplomate to the American Board of Surgery and in 1954 a Fellow of the American College of Surgeons. Vice Chief of Staff at Mercy Hospital in Port Huron and Chief of Surgery at Mercy Hospital 1957-60. He is Chairman of the Surgical Audit Committee and Credentials Committee, Port Huron General Hospital and a delegate of the St. Clair County Medical Society, 1958-60.

He is a member of the Rotary Club, Torch International, Community Chest and also Haymann Honorary Medical Society, Western Reserve University, Detroit Surgical Society, (Associate 1950-2), Detroit Academy of Surgery, St. Clair County Medical Society, Michigan State Medical Society, American Medical Association, and Association of Railway Surgeons.

He married Doris May Arner, daughter of Dr. Don C. Arner, Three Rivers, Michigan, in 1945, and is the father of three children—Jane Ann, John A. and Thomas A. Coury.

Knowledge and Wisdom

Knowledge and wisdom far from being one
Ofttimes have no connection.
Knowledge, a rude unprofitable mass,
Dwells replete in heads filled with thoughts of other men,
Wisdom in minds attentive to their own;
'Til squared and smoothed and fitted to its place
Doth but encumber whom it seems to enrich.
Knowledge is proud that he knows so much;
Wisdom is humble that he knows no more.

—William Cowper

EDITORIAL OPINION

Fluoridation

Saginaw County Bulletin, October, 1960

The fluoridation question is again before us. Certainly, there has been no more controversial medical subject before the public in many a year. Unfortunately, I must say before the public, where it has slipped. However, this is not quite so controversial when it is discussed with the medical and scientific professions. Fluoridation is no longer an experimental process as some uninformed people would like the public to believe. The first fluoridation project was in 1945. Over 8,000 papers have been written on the subject. So convincing has been the evidence that every—and I repeat—every authoritative scientific organization which has studied the data has concluded that the research evidence related to fluoridation is much more extensive and conclusive than that accumulated on most health procedures. Every reputable medical and scientific organization that has considered the question has endorsed it.

Why, then, is there such apathy and lack of acceptance of this public health measure (and this includes some doctors)? How can such a minority of lay people with no scientific background, influence the public against a public health measure that has so much proof behind it? First of all, this minority group is quite dedicated and they are untiring workers. Secondly, they are not beyond using every untruth, misquote and outright lie that is available to them. The nature of the subject itself leads to their support.

If we examine the factors which appear to influence the layman in his decisions on disease, we find that he will not take any voluntary health action until he has a relatively high degree of internal readiness. This is influenced by: (1) The individual must feel susceptible —he must feel that the disease will hurt him in some way. For the majority of the voting public, this, then, is something which is not going to affect them. (2) The individual must feel that the disease will be severe if he does acquire it. In other words, he must be afraid of it. (3) He must believe that the health measure will be effective and beneficial in preventing and alleviating the disease—again at the age of 50 it is not going to be too helpful. So this leaves us with a large number of voting people who feel that they themselves are not going to be helped, and it is these people who can be so easily swayed against the matter if there is any suggestion of controversy at all. . . .

All this public apathy and suspicion does not detract from the fact that this is a public health matter, as much so as is preventing polio, smallpox, diphtheria, et cetera. Though not fatal, it still is a disease that can only be successfully eliminated to some extent by fluoridation.

It is vexing and difficult to convey the facts about any scientific subject to the lay population. Any type of public declaration, statement or meeting, seems only to add fuel to the anti-fluoridationists.

It is up to the doctors to use the only effective way to promote this and that is by personal contact with individuals and very small groups where some form of intelligent conversation can be used. If we support this quietly but firmly, and 100 per cent, then we have a good chance of passing fluoridation.

—R. Jarvi, M.D.

Let's Not Take Blue Shield for Granted!

National Association of Blue Shield Plans

We live in tumultous times—when the pace of political history and social change seem to have taken on jet propulsion, along with our rockets and planes.

And, though even our oldest Blue Shield Plans are scarcely 21 years old, they have become such an accustomed part of our medico-economic landscape that many of us—especially those who were not in practice when these Plans were created—already tend to take them for granted. Indeed, one hears too frequently that Blue Shield is "just another insurance company."

This casual remark misses a rather vital point—vital not only to the security of the Plan but to the future of medicine's free enterprise economy. For there are a number of important differences between Blue Shield and the insurance organizations in the field.

Perhaps the basic difference is that Blue Shield, unlike its commercial competitors, is not an end in itself, but only a means—a mechanism set up by doctors and patients to make it easier for patients to pay for medical care and to facilitate the doctor's job of providing needed medical care to his patients. To an insurance company, the business is an end in itself. To us, Blue Shield is only an instrument designed to help doctors and patients meet mutual responsibilities.

To an insurance company, a claim payment is a "loss"; to Blue Shield, a claim payment is a benefit—fulfilling the sole purpose of its existence. Blue Shield is run by doctors and public representatives for the benefit of the community. It's the one and only nationwide prepayment program whose medical functions are guided and controlled by the medical profession, for the single purpose of helping physicians the better to serve our patients.

No, Blue Shield is *not* "just another insurance company." It is the main bulwark of private practice in America—our one strong shield against the threat of a state-controlled medical system.

Report of 1960 White House Conference on Children

By Robert H. Heavenrich, M.D.

The President of the United States summoned the 1960 conference on Youth and Children in Washington. At the invitation of the Michigan Committee the undersigned was designated a delegate for the Michigan State Medical Society. The purpose of the conference was "to provide opportunities for youth and children to realize their full potential for creativity, in freedom and dignity." The basic theme was the child in the changing world and the effect of those changes on the child.

There were over 7,000 delegates to the conference from every State in the Union, including 1,400 youths. In addition, there were approximately 500 visitors from abroad. In all, there were about 200 doctors. Michigan Medicine was represented by Drs. James Graves, Goldie Cornieluson, Irving Posner, and Ralph Robinowicz, who was one of the forum speakers.

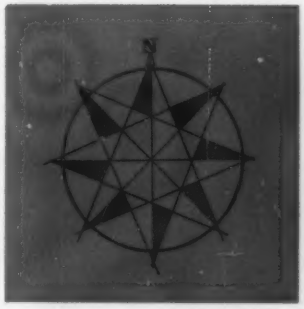
Every phase of child life and welfare was discussed. The conference was divided into five theme assemblies, each of which was divided into 15 forum groups. A democratic process was followed and no pressure groups exerted any appreciable influence. The tone of the meeting was on the highest level, as everyone had but one interest, the welfare of the child. Physical and emotional health were of course major concerns.

Prior to the meeting in Washington, some thousand people in the State of Michigan participated in preparing information on the status of child welfare in this State. Of particular interest to all physicians are the reports of the State Health Department, the Interdepartmental Committee on Children of the State Government, and the final summation by the Michigan Committee for the White House Conference under the leadership of Miss Clarice Freud, chairman of the Michigan Youth Commission, and Sam Rabinovitz, executive secretary. This latter document consolidated and summarized all of the reports that were submitted to the committee. Carefully outlined in this manual are the potential health needs of the children in this State.

In addition to this material, each delegate received more than 7,000 pages of reference material. Of particular interest to physicians in Michigan was a series of three volumes of essays on "Our Nation's Children" which depicted historical and social dynamics in our culture and their effect on children.

There were some 1,600 recommendations from the conference. Each workshop reported to its parent forum, each forum voted on only those recommendations before it so that each delegate voted on only one-fifth of the total recommendations.

At the present time the National Committee on the White House Conference is correlating all the recommendations. Many of these will add tremendous weight to programs already started in Michigan.



NATIONAL AND WORLD 1863

The State Committee is planning conferences to set up priorities for follow-up to promote improvement in child welfare, for only in subsequent action can the value of such a conference be measured.

It was most gratifying to see the fine organization and reports of the work in Michigan, our very high standards in comparison to other states in reference to child physical and emotional health. Recognition was repeatedly given to the Medical profession, per se, and to the Michigan State Medical Society for its leadership, co-operation, and sincere interest in child welfare. The State Society is obviously most co-operative with the many organizations dealing with child welfare, and has set standards and high goals for the individual practitioners. We of the State Medical Society can be justly proud, though never complacent.

Congressman Mills Predicts Tax Hike Resistance

Chairman Wilbur Mills of the House Ways and Means Committee, a Democrat, made this statement, in part, after passage of the Mills Bill:

"We are not discussing small matters when we discuss amendments to the Social Security Act; we are discussing terrifically large matters because of their application to so many people. It is essential . . . that we keep this system as actuarily sound as possible.

". . . I do not know the point at which people will begin to have great resistance to increases in Social Security taxes, but I think we are going to find an unwillingness on the part of a great number of people to see this tax go higher. . . . Until this full tax actually goes into effect, in my opinion, we should not bring about, as part of the Social Security system, great changes which would require great increases in scheduled rates of tax."

Seven Members Appointed To White House Conference

Seven MSMS members are among the 72 Michigan delegates appointed by Governor Williams to the White House Conference on Aging, January 9-12, 1961.

The Michigan doctors of medicine who were selected included two members of the Michigan Commission on Aging—Albert F. Heustis, M.D., Lansing, director of the Michigan State Department of Health, and Harry Zemer, M.D., Lapeer, MCA representative from the Michigan Health Council. Also named was A. Hazen Price, M.D., Detroit, chairman of the MSMS Committee on Geriatrics. The other MSMS members named were Frederick D. Mott, M.D., Detroit; Max L. Newman, M.D., Detroit; C. J. Tupper, M.D., Ann Arbor, and V. K. Volk, M.D., Saginaw.

Another MSMS member involved in the White House Conference is Frederick C. Swartz, M.D., Lansing, chairman of the AMAM Committee on Aging and a member of the Conference Advisory Committee.

Speak at AMA Conference

Four Michigan doctors of medicine spoke at the Second National Conference on the Medical Aspects of Sports, sponsored recently by the AMA in Washington.

Carl E. Badgley, M.D., Ann Arbor, member of the AMA Committee on the Medical Aspects of Sports, presided at a panel discussion on "On-Field Care of the Football Player."

Robert E. Anderson, M.D., Flint, was leader for a sectional meeting on the "Health of the High School Athlete"; he also spoke at a symposium on "Conferences on Protecting the Health of the High School Athlete."

Robert A. Moore, M.D., Ann Arbor, was a luncheon speaker on the "Psychological Factors in Athletic Injuries."

Participating on a panel about "Protecting the Boxer" was E. S. Gurdjian, M.D., of Detroit.

AMA House of Delegates Actions in Brief

A scholarship and loan program for medical students, the status of foreign medical graduates, an AMA membership dues increase, the expansion of voluntary health insurance, health care for the aged and new developments in polio vaccine were among the major subjects acted upon at the American Medical Association's Fourteenth Clinical Meeting held in Washington, D. C., November 28–December 1.

Named as 1960 General Practitioner of the Year was 44-year-old James T. Cook, M.D., of Marianna, Florida.

Speaking at the Monday opening session, E. Vincent Askey, M.D., of Los Angeles, AMA President, called upon the delegates to support not only existing AMA programs but also expansion of new programs necessary to meet the challenges of society. Dr. Askey assured the new administration in Washington of cooperation whenever and wherever possible but emphasized that the AMA will not change its policies merely for the sake of conformity.

Total registration reached 8,170, made up of 3,940 physicians and 4,239 guests.

Auxiliary to Equip Headquarters Lounge

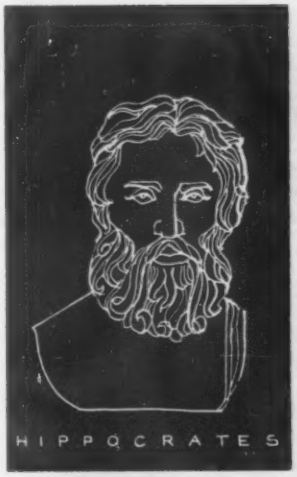
A large meeting room in the new MSMS headquarters will be dedicated to the Woman's Auxiliary of the MSMS, which contributed $4,000 toward the furnishings and equipment.

The check was accepted by The Council in the name of all members of the Michigan State Medical Society and the appreciation of the Society was expressed to the Auxiliary.

Council Chairman H. J. Meier, M.D., said in a letter to the 1959-60 Auxiliary President, Mrs. Harold Gay, of Midland, "Please convey to each of your members the sincere appreciation of the Michigan State Medical Society for this significant contribution of the Auxiliary. As always, your members are first in line to offer assistance to the MSMS in any program or project that is undertaken. Thank you for this additional example of your continuing interest in the progress of Michigan medicine."

The meeting room is on the first floor of the new building and will hold up to 150 persons for large sessions. It will be a multi-purpose room adaptable to many situations. A lounge area in one end will serve for small meetings and tables and chairs will be provided if a luncheon or dinner is desired. The room adjoins a small kitchen area which will be used by caterers to facilitate serving and final food preparation.

The Auxiliary decided to make a contribution to the new headquarters soon after construction began and elected to furnish and equip the Meeting-Lounge when the interior specifications were drawn up.



ANCILLARY 1865

Health Council Prints Brochure about Placement

A colorful, new brochure on the three placement services conducted by the Michigan Health Council is available now for distribution.

The brochure explains the procedures in the operation of the M.D. Placement, Dentist Placement and Veterinary Placement Services of the Health Council. It is used primarily to give the details of the Services to doctors of medicine, dentistry and veterinary medicine and to people in Michigan communities who seek assistance.

The greatest distribution comes in the fall of the year when seniors from the two medical, two dental and one veterinary medicine school are contacted and offered the free placement services. At the same time all M.D.s interning in Michigan hospitals are contacted—except those already contacted as senior medical students in the Michigan schools.

Joins Health Council

The Michigan Health Council has accepted the Michigan Cancer Foundation as a voting member.

The Council has a membership of 64 health and welfare agencies throughout the state of Michigan in approving, formulating and developing programs of health and sociological benefit to the public.

Elevate Mr. Baab

The Southeastern Michigan Division of the American Cancer Society, has named Tom Baab as its executive director. He had been director of public education and information during the past year. He will replace a national representative of the Society, John L. Swan, who has been with the Southeastern Michigan Division on temporary assignment as executive secretary.

Tells Cancer Story

The American Cancer Society was awarded first prize trophy at the Michigan State Fair for an exhibit which showed how the Society brings the doctors and public of Michigan the world's knowledge and experience in cancer control.

A global display presented a broad perspective on the cancer problem and the work contributed by 2,000,000 Cancer Society volunteers who are striking back at the disease through a balanced nationwide attack in education, service and research.

Re-Elected AAMA Officer

Miss Hallie Cummins, Caro, was re-elected treasurer of the American Association of Medical Assistants at the fourth AAMA national convention at Dallas.

More than 400 women employed as nurses, medical secretaries and medical assistants in physicians' offices attended the three-day educational program and business meeting. The American Association of Medical Assistants now has more than 9,000 members in 28 states.

A registered medical librarian at the Caro State Hospital, Miss Cummins has served as president of the Saginaw County Medical Assistants chapter and the Michigan State Medical Assistants Society. She has held office as a director of AAMA and has completed one term as treasurer.

Wayne Exhibit Wins

The first gold medal given since 1952 by the American Roentgen Ray Society was presented at the 61st annual meeting of the Society in Atlantic City to a medical exhibit prepared by nine doctors associated with Wayne State University College of Medicine and the Grace and Detroit Memorial hospitals.

The exhibit covers experiences in dealing with patients having cerebrovascular disease. Co-authors are: Drs. E. S. Gurdjian, D. W. Lindner, W. G. Hardy, L. M. Thomas, M. Croll, S. J. Figiel, J. B. Lofstrom, J. E. Webster and J. L. Wheland.

Symposium on Blood Soon

The Ninth Annual Symposium on Blood will be held at the David Whitney House, Detroit, January 20 and 21. The program will provide ample time for the audience to discuss contributions of the invited speakers. Arrangements have been made to publish abstracts of the papers in *Thrombosis et Diathesis Haemorrhagica.*

Begin Kresge Hearing Institute

A plan to construct the world's largest medical laboratory devoted exclusively to research on hearing has been launched at the University of Michigan Medical Center. The $1,750,000 facility will be started with an initial grant of $200,000 from the Kresge Foundation of Detroit. To be known as the Kresge Hearing Research Institute, it is expected to be completed in the academic year 1962-63. Present plans call for a 5-story wing to be added to the existing Kresge Medical Research Building.

In announcing the newest award, Stanley S. Kresge said, "Any progress in man's fundamental ability to understand and correct a single hearing disorder literally will have a worldwide impact. . . . We extend our heartfelt prayer that this Institute, and the men and women who will labor here, will help produce benefits of great and widespread significance in the preservation of mankind's precious gift of hearing."

Orthopedic Surgeons Organize in State

The Michigan Orthopedic Society was organized at Boyne Mountain Lodge this autumn when 34 orthopedic surgeons from all sections of the State met and adopted a constitution and by-laws.

The following officers were elected—President: Donald Charles Durman, M.D., Saginaw; President-Elect: Victor S. Mateskon, M.D., Petoskey, and Secretary-Treasurer: Hira E. Branch, M.D., Flint.

Our Future In Politicians' Hands

Senator John F. Kennedy's elevation to the Presidency, the re-election of Michigan's U. S. Senator Patrick V. McNamara, and the extent to which the Democratic party buttressed its strongholds in political office in this state all point to continued wrangles in the Congress and the State Legislature over health care for the aged; in fact, probably health care for the entire population.

Although it is impossible to predict how the Democrat/Republican balance in Washington will be upset by conservative/liberal splits in both parties, here is how the voting went:

Republicans picked up 24 more seats in the national House of Representatives and 2 in the Senate. However, Democrats still held a numerical majority in both chambers, 260 to 176, and 64 to 36, respectively.

A rigid seniority system in the Congress leaves most of the important committee assignments and chairmanships in the hands of patriarchal southern conservative Democrats. Their past tendencies to side with their Republican colleagues against Forand-type amendments to the social security law probably will continue to chafe President Kennedy and his ultra liberal Congressional confreres.

In spite of the fact that the Mills Bill providing help for the needy elderly, was passed this year, and that medicine's position in Congress seems to have been bolstered numerically, the pressures for socialized medicine nationally will be greater than ever.

In the State Legislature the Republican party maintained its 24-12 margin in the Senate and took a 56-54 lead in the House. Picking up two seats formerly held by Democrats, while losing only one of its own to them, it broke the former 55-55 stalemate, which for two years has brought payless paydays and near bankruptcy to Michigan. Five freshman Senators and twenty-one new Representatives will be sworn into office on January 11, when the Legislature convenes for an expected five-month session.

With the state administrative departments firmly in the hands of the Democratic party and the Legislature controlled by the Republicans, only the most meritorious legislation is expected to survive.

LEGISLATIVE 1867

MICHIGAN DEPARTMENT OF HEALTH

ALBERT E. HEUSTIS M.D., State Health Commissioner

Hospital and Medical Facilities

Construction of facilities for the chronically and mentally ill is a more pressing need in Michigan than general hospital construction. According to the annual revision of the State Plan for Hospital and Medical Facilities Construction, Michigan has 75.4 per cent of its estimated need for general hospitals met by existing facilities, but only 33 per cent of the number of beds needed for care of the chronically and the mentally ill. The state plan is the basis on which federal funds are allocated to hospitals and other facilities under the Hill-Burton program.

While Congress appropriated $185 million for the Hill-Burton program, Michigan's allotment for 1960-61 is a little less than last year.

Michigan's allotment:

PURPOSE	*1959-60*	*1960-61*
For construction of general hospitals, psychiatric units, public health centers, schools of nursing	$5,095,852	$4,957,135
For construction of		
skilled nursing homes	331,462	322,220
rehabilitation facilities	331,462	322,220
chronic disease hospitals	203,291	197,581
outpatient facilities	203,291	197,581
Total	$6,165,358	$5,996,737

Although the state plan shows the need for acute care hospital beds to be substantially satisfied in many areas, there are 26 hospital service areas of the state out of a total of 75 which fall below the statewide average for available beds in fire-resistive structures. Areas most in need of additional general hospital construction include Newberry, Bad Axe, Monroe, Ludington, Stambaugh, Northeast Detroit, Tawas City, Muskegon, and Cass City.

The state plan estimates that there should be 34,011 general acute care hospital beds to serve Michigan's population. Now available or under construction are 25,661 beds housed in fire-resistive structures and 4,133 beds in buildings considered unacceptable for long range planning. Currently under construction are some 1,660 beds, of which 1,029 will be a net addition to bed supply. Some 1,050 beds were opened to patients in 1959.

The progress made during the past decade has provided adequate hospital facilities in most areas of the state, and enabled our hospitals to keep up with population growth and even to cut into the backlog of facilities needing replacement. In 1948, existing beds in acceptable structures represented only 52 per cent of the estimated need for acute care facilities. Of the general hospital construction which has occurred since then, about half has received federal assistance under the Hill-Burton program.

Chronic Disease Facilities

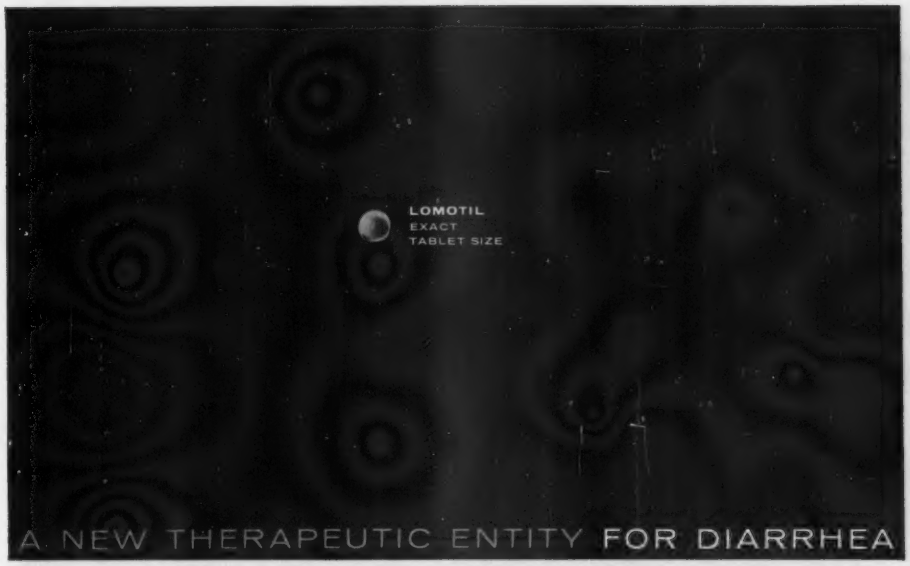
The state plan conservatively estimates a need for 15,840 beds for care of the chronically ill in chronic disease units and skilled nursing homes. Skilled nursing homes are defined as those in which nursing services are rendered under the direction of a full-time graduate nurse registered in the state of Michigan. Although there are now some 15,000 beds in licensed nursing homes, county medical care facilities, and other units providing long-term care, only 5,280 of these beds are in structures which are fire-resistive and in which care is under the supervision of a fulltime graduate nurse registered in the state of Michigan.

There are at present 43 counties in Michigan which either have no facilities for skilled nursing home care, or none in fire-resistive structures.

These counties, which will have first claim on federal funds for skilled nursing home construction, are in order of priority: Luce, Otsego, Baraga, Ontonagon, Presque Isle-Montmorency, Newaygo, Gogebic, Ionia, Wexford-Missaukee, Crawford-Oscoda-Roscommon, Sanilac, Arenac-Gladwin, Clare, Mason-Lake, Gratiot, Oceana, Iosco-Ogemaw, Mackinac, Van Buren, Emmet, Montcalm, Lapeer, Alpena-Alcona, Hillsdale, Clinton, Eaton, Chippewa, Livingston, Ottawa, Monroe, Lenawee, Bay, Berrien, Jackson, and Midland.

Psychiatric Units

There has been a long range goal under the Hill-Burton program to make available psychiatric services for short term intensive treatment in every major urban community and in every 200 bed hospital in the state. Fifteen general hospitals in Michigan now have psychiatric units in operation or under construction. The state plan estimates 4,193 beds are needed to provide this type of service while there are in existence for psychiatric care in general hospitals only 1,492 beds in fire-resistive structures. In addition to psychiatric units in general hospitals, the state plan has a program for possible federal assistance for a 300-bed, community-oriented state-operated psychiatric center and special units for the care of disturbed children.



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Clinical experience in 1,314 patients amply supports these findings. Even in such a severe test of antidiarrheal effectiveness as the colonic hyperactivity in patients with colectomy, Lomotil is effective in significantly slowing the fecal stream.

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PRECAUTION: While it is necessary to classify Lomotil as a narcotic, no instance of addiction has been encountered in patients taking therapeutic doses. The abuse liability of Lomotil is comparable with that of codeine. Patients have taken therapeutic doses of Lomotil daily for as long as 300 days without showing withdrawal symptoms, even when challenged with nalorphine.

Recommended dosages should not be exceeded.

DOSAGE: The recommended initial dosage for adults is two tablets (5 mg.) three or four times daily, reduced to meet the requirements of each patient as soon as the diarrhea is controlled. Maintenance dosage may be as low as two tablets daily. Lomotil, brand of diphenoxylate hydrochloride with atropine sulfate, is supplied as unscored, uncoated white tablets of 2.5 mg., each containing 0.025 mg. (1/2400 gr.) of atropine sulfate to discourage deliberate overdosage.

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Brings about reduction of serum cholesterol through physiological processes, as yet not fully understood.

Does not usually generate new compounds in the blood, thus helping the doctor make a more accurate analysis of blood serum cholesterol.

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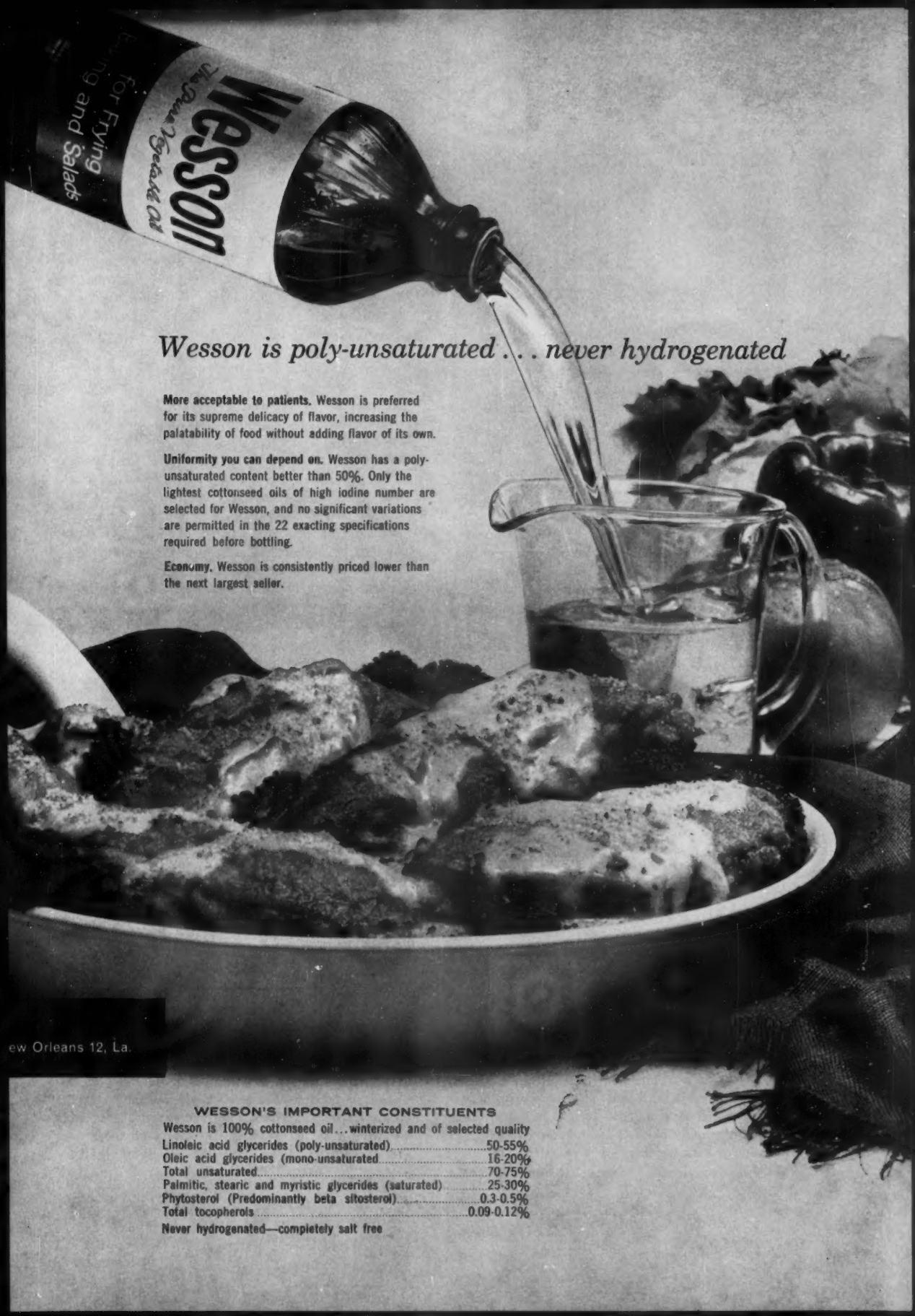

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Phytosterol (Predominantly beta sitosterol)	0.3-0.5%
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Never hydrogenated—completely salt free

Obstetrical Brevits

(This column is sponsored by the Michigan Society of Obstetrics and Gynecology)

Staphylococcus Aureus in Maternity and Nursing Units

Experience with *Staphylococcus aureus* indicates that this organism is probably present in most, if not all, maternity and nursing units and that its presence represents a problem of considerable magnitude. Experience also indicates that this microorganism has been present in our hospitals for many years. The reason why *S. aureus* has assumed this position of importance among bacterial pathogens has been the subject of much discussion in recent years.

There are factors associated with maternal or newborn infections that are common to all classes of patients. It is true that a susceptible patient must be exposed to and infected by a pathogenic strain of *S. aureus* before staphylococcal disease can develop. Reports from many workers have shown that there is considerable variation in susceptibility of individuals to staphylococci.

Some patients are so susceptible that they develop overwhelming infections and succumb quickly to their infections. Resistance among patients can be altered by trauma, both surgical and accidental, by systemic disease, age, medications and a variety of less well-defined factors. The great variability in resistance to infection also suggests that immunity must play a part.

It is well known that some persons are completely refractory to colonization and infection, while other persons, designated as carriers, are susceptible to colonization but do not develop overt infection. A definition of the state of infection in nasal carriers must be qualified because many carriers have low-grade infections of the nasal passages or accessory nasal sinuses.

Modern laboratory practice allows us to identify *S. aureus* in different specimens and to determine many characteristics which permit identification of different strains or types. All forms of staphylococci are not pathogenic. Among the pathogenic forms, there is a wide range of disease-producing ability. It is desirable to obtain complete identification (including phage typing) of *S. aureus* isolated from hospital infections so that proper epidemiologic studies can be undertaken by the hospital infections committees. However, it should be emphasized that obtaining bacteriophage typing of a culture is not the solution to the problem. It is simply another piece of information to be used in evaluating the management of a case.

The nasal carrier of *S. aureus* has been the subject of many investigations. A recent survey of a general population group conducted at the Michigan Department of Health has shown that about 34 per cent of persons may be carriers. It is of considerable interest that 19 per cent of persons studied were shown to be permanent carriers but that only one person in the group carried the well-known 80/81 type. The full significance of this relationship is not known but it suggests that nasal carriers of *S. aureus* are relatively common in the general population but that carriers of the 80/81 type are uncommon.

One interesting observation was the fact that most of the permanent carriers were shown by clinical and radiological studies to have some obstructive disease in their nasal passages. In most instances, there was associated chronic infection present such as rhinitis, tonsillitis or sinusitis. The importance of the patient's being admitted to the hospital as a nasal carrier has a definite bearing on control activities established by a hospital to control the spread of infection. The importance of the adult nasal carrier in the nursery as a possible source of infection has been well established.

It has recently been reported that some infants who carry *S. aureus* in their noses and who also have certain respiratory viruses in their nasal passages, excrete large numbers of pathogenic staphylococci in their respired air. If the organism excreted is highly pathogenic and the nursery is crowded with newborn infants, the possibility of additional infections in the nursery is greatly increased. Therefore, it is important that crowding in a nursery be prevented and that the incidence of infants carrying *S. aureus* in the nursery be known.

A recent survey of three-day-old infants in a Michigan hospital conducted over a period of one year showed that the carrier rate varied from 10 to 45 per cent of the total daily population. At no time during the survey were all babies found to be free of *S. aureus*.

Many physicians and hospital administrators have attempted to determine how staphylococci get into our hospitals. Available information suggests that at least three classes of people continually introduce staphylococci into the hospital environment; these classes may be identified as visitors, patients and hospital personnel. The visitors must be considered a source as discussed. However, most visitors do not carry the so-called hospital strains with great frequency. If the visitor has recently been a hospital patient, his chances of being a carrier are much greater than those of a person with no hospital exposure. Therefore, patients

(Continued on Page 1874)

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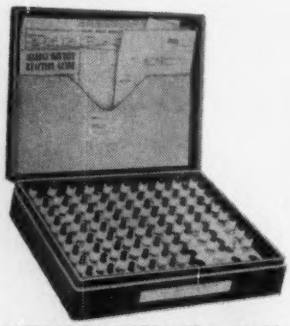

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(Continued from Page 1872)

both present and former are potential sources of *S. aureus*.

Recent work published in England has shown that a person carrying *S. aureus* in his nose has a greater chance of developing postoperative infection than the person who is free of the organism. In addition, highly virulent strains of *S. aureus* were found in the noses of infected carriers more frequently than were strains of low virulence.

It is well demonstrated that all classes of hospital personnel may carry *S. aureus* and that the carrier rate among the professional staff bears a relationship to the infection rate in the hospital. Pathogenic staphylococci are introduced into the air from nasal carriers as well as persons with infection. It may be possible to prevent some infection by preventing the establishment of the nasal carrier state either in the adults or newborn infants.

—NORMAN D. HENDERSON, M.D.
Lansing

This paper was presented by Dr. Henderson, coordinating physician for the division of laboratories of the Michigan Department of Health, at a meeting of the MSMS Maternal Health Committee in 1960.

AMA House of Delegates Resolutions

Voluntary Health Insurance

A most important and significant set of resolutions was adopted at the Clinical Session of the American Medical Association, Washington, D. C., November 29.

In place of a Board of Trustees report and three resolutions, the House adopted the following substitute resolutions:

WHEREAS, It has been widely recognized that voluntary health insurance is the primary alternative to a compulsory governmental program; and

WHEREAS, The public has shown its confidence in this voluntary system; and

WHEREAS, Current social, political and economic developments compel a new and revitalized effort to make voluntary health insurance successful; and

WHEREAS, The American Medical Association has consistently pledged itself to make available the highest type of medical care; therefore be it

RESOLVED, That the House of Delegates direct the Board of Trustees and the Council on Medical Service to assume immediately the leadership in consolidating the efforts of the American Medical Association with those of the National Association of Blue Shield Plans, the American Hospital Association and the Blue Cross Association into maximum development of the voluntary, non-profit prepayment concept to provide health care for the American people; and be it further

RESOLVED, That similar leadership be undertaken to coordinate the efforts of private insurance carriers through conferences with their national organizations; and be it further

RESOLVED, That, where feasible, efforts be made to cooperate with representatives of other types of medical care plans, other professional groups, and representatives of industry, labor and the public at large.

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NaClex (benzthiazide) is a new molecule which provides a "pronounced increase in diuretic potency"[2] over its antecedent sulfonamide compound. Compared tablet for tablet with current oral diuretics, it is unsurpassed in diuretic potency.

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NaClex produces diuresis, weight loss, and symptomatic improvement in edema associated with various conditions. It also has antihypertensive properties and may be used alone in mild hypertension or with other antihypertensive drugs in severer cases.

For complete dosage schedules, precautions, or other information about NaClex, please consult basic literature, package insert, or your local Robins representative, or write to the A. H. Robins Co., Inc

Supply: Yellow, scored 50 mg. tablets.

References: 1. Pitts, R. F., Am. J. Med., 24:745, 1958. 2. Ford, R. V., Cur. Therap. Res., 2:51, 1960.

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Kestler, O.: Conservative Management of "Low Back Syndrome", J.A.M.A. 172: 2039 (April 30) 1960.

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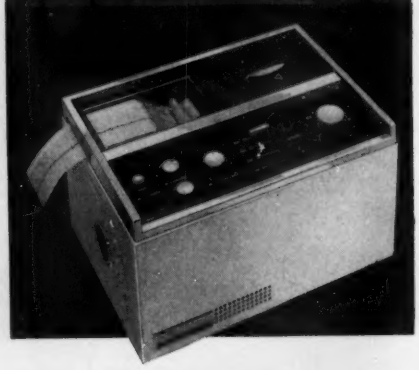

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COMMUNICATIONS

Wilfrid Haughey, M.D., Editor
The Journal—Michigan State Medical Society

Dear Dr. Haughey:

Qualified physicians in the Greater Detroit area may now arrange to admit patients directly to Detroit Memorial Hospital for care requiring special services not available in their regular hospitals. This opportunity is provided by newly created "special courtesy" staff privileges, announced today by Detroit Memorial Hospital's Board of Trustees as a novel and positive step to broaden the scope of facilities available to physicians of the area and to eliminate public criticism of costly duplication of special facilities in hospitals.

Specifically, a physician who is a member of the Wayne, Macomb, Oakland or Monroe County Medical Societies, and who holds a staff appointment at a J.C.A.H. accredited hospital, will have the opportunity of becoming a "referring physician" on the newly created special courtesy staff at Detroit Memorial Hospital. Appointments will be made upon review and approval of written application and payment of special staff dues of $5 annually. Thereafter, the physician will be privileged to admit patients for specialty care which is not available or comparable at his primary hospital, to visit his patient and follow his progress, and to write such orders and perform such procedures as may be indicated by prescribed privileges and the best interests of patient care.

This new category of privileges offers several advantages to the referring physician from another hospital, explained Dr. Harold F. Jarvis, Chief of Staff, in a letter to medical society members. The referring physician will have direct access to services and facilities which otherwise may not be available for his patients' needs. Also, he will be able to maintain direct relationships with his patients and to exercise some degree of management of the total care required, particularly care of secondary ailments. Such privileges eliminate several deficiencies of the traditional referral system, some of which have been experienced by every physician. Accordingly, we believe that these newly created privileges will be valuable to many physicians in the community.

Our new privileges for referring physicians are also an answer to expressed community needs for economy in establishing and maintaining specialized hospital services.

In the face of continuing developments in modern medical technology, it is neither practical nor possible for all hospitals in the community to develop and maintain all the desirable special services. Further, criticism has been voiced in community studies and in Blue Cross-Blue Shield hearings across the nation about duplication of services and facilities in hospitals where the need arises mostly from practices which limit accessibility to a small segment of the medical profession. On both counts, logic indicates a need for practical change in medical staff appointments.

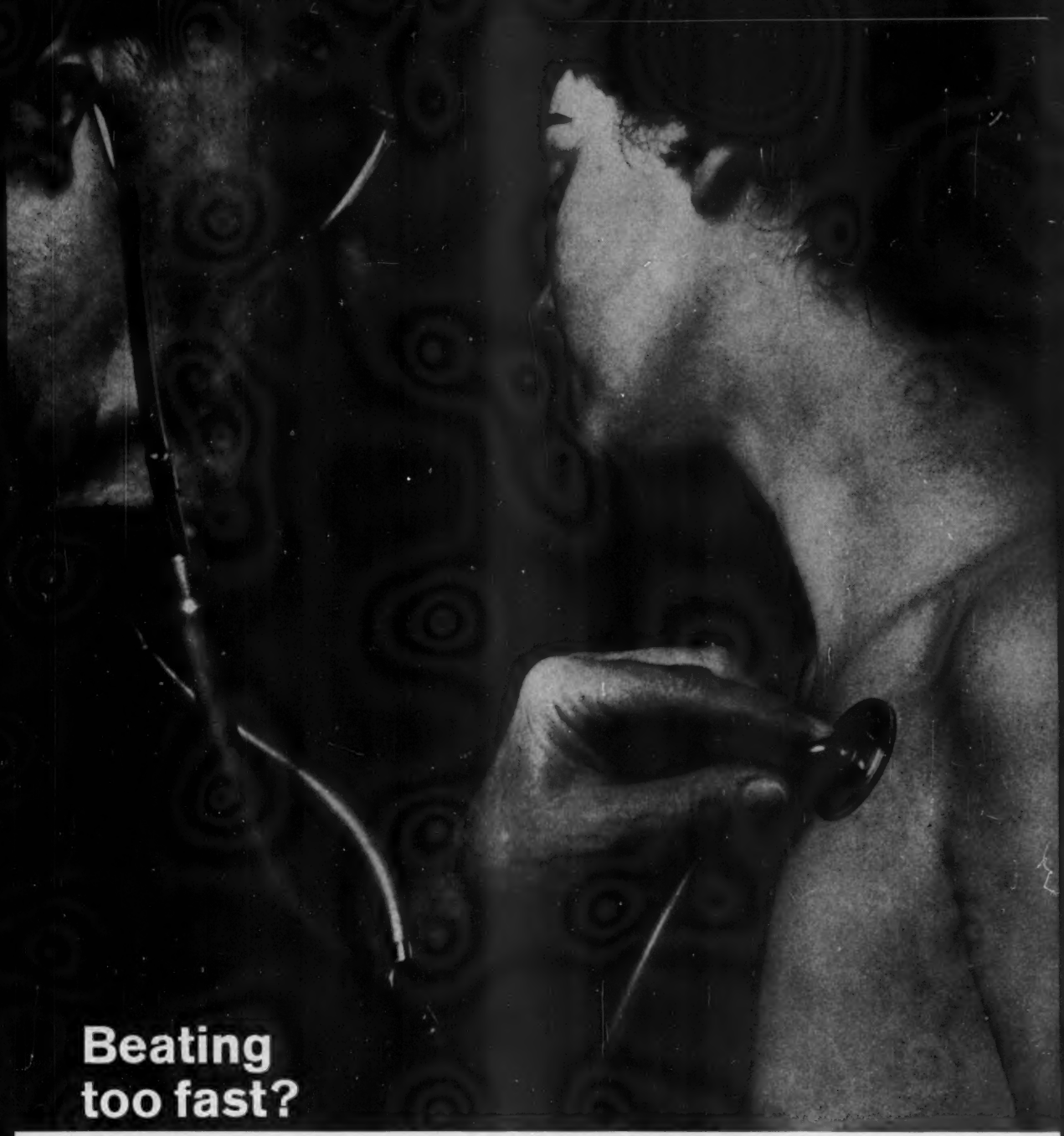
These several needs for improving the accessibility and usefulness of special services and facilities in hospitals, have been recognized and discussed in medical circles in other communities, with little or no action, according to information available from the Greater Detroit Area Hospital Council.

Our new policy is a form of *action* which attempts to pioneer a practical answer to this problem for the Detroit area, within the limited capacity of one hospital.

FRANKLIN D. CARR, *Administrator,*
Detroit Memorial Hospital

October 7, 1960
1420 St. Antoine, Detroit 26.

Say you saw it in the Journal of the Michigan State Medical Society



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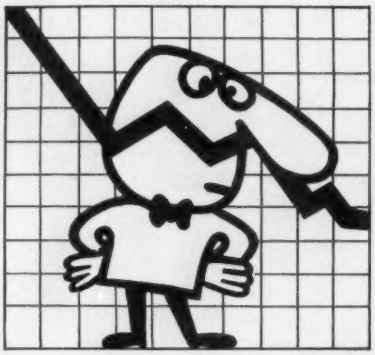


A U. S. Senator recently said, "In investigating the pharmaceutical industry, we are investigating and inquiring into an industry that has won and which deserves public approval and confidence... It has been my judgment that the hearings to which I have referred, so far have been prejudiced and distorted." To paraphrase a political saying...

Let's Look At The Record On Drug Prices

In relation to "real income," drug prices have actually declined in recent years. At prevailing wages in 1929, it took 91 minutes of working time to pay for the average prescription. Only 86 minutes of labor paid for the average prescription in 1958. As one economist put it, "If the retail prices of drugs had risen as much as the consumer price index since 1939, it would cost the consumer at least an additional one billion dollars to buy the drug preparations now consumed." He goes on to compare the $19.02 per capita drug expenditure in 1958 with the $37.19 spent on tobacco products and $53.72 for alcoholic beverages.•When your patients inquire about the cost of medication, perhaps these facts will be helpful in explaining that today's prescription, averaging about $3.00, is a relatively modest investment in better health and a longer, more productive life.

This message is brought to you in behalf of the producers of prescription drugs. For additional information, please write Pharmaceutical Manufacturers Association, 1411 K Street, N.W., Washington 5, D.C.

Receives Lasker Award

James V. Neel, M.D., Ann Arbor, was one of seven medical researchers in the world selected to receive the 1960 Albert Lasker Award for research directly benefiting millions of human beings throughout the world.

The Award consists of an honorarium of $2,500, a gold statuette of the Winged Victory of Samothrace symbolizing victory over death and disease, and a citation.

Doctor Neel was cited jointly with Lionel S. Penrose (FRS) of the University of London, England, "for major contributions to the development of human genetics and significant findings about the effect of nuclear and other radiation on human beings and their offspring." Doctor Neel is chairman of the Department of Human Genetics at the U-M Medical Center.

* * *

MEDICAL TELEVISION SHOWS—The Michigan Health Council reports that the following topics were covered during October on the weekly Sunday morning program over WJBK-TV, Channel 2, Detroit: Health Careers, Rehabilitation, Hunting Safety, Chiropody.

* * *

NAMED CONSULTANT—Richard D. Mudd, M.D., of Saginaw, was appointed this fall as U. S. Air Force national consultant in occupational medicine. Doctor Mudd presently is medical director of the Chevrolet-Grey Iron Foundry at Saginaw.

* * *

TAKES VA POST—Robert I. McClaughry, M.D., formerly of the National Academy of Sciences-National Research Council, has been named director of medical education service for the Veterans Administration.

A former assistant dean of Wayne State University's College of Medicine, Doctor McClaughry has been associated in a professional capacity with the National Academy in Washington, D. C., since June, 1958.

In his new post at VA Central Office in Washington, D. C., Doctor McClaughry will co-ordinate programs making a major contribution to the trained medical manpower pool of the nation.

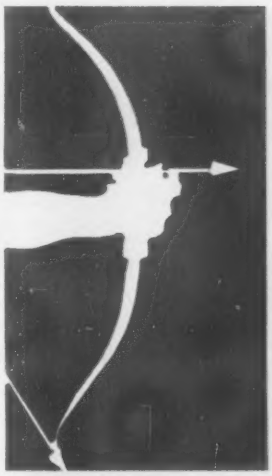
* * *

SPEAKS ON PANEL—Ralph S. Green, M.D., Rochester, was a member of the panel, "Evaluation of the Private Psychiatric Hospital in Community Service," at the 12th Annual Mental Hospital Institute in Salt Lake City, Utah.

* * *

DISCUSSES CANCER—Harry C. Saltzstein, M.D., Detroit, spoke before the Bay-Arenac-Iosco Counties Medical Society October 12, 1960. He discussed "Cancer of the Gastro-Intestinal Tract."

Contributions for this "News Briefs" department are invited from individual physicians, from county societies, and from other health organizations. Please direct your contributions to the Editor.



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ON EASTERN PROGRAM—Three Michigan doctors of medicine spoke at the 45th Scientific Assembly of the Interstate Postgraduate Medical Association at Pittsburgh, October 31-November 3. Stefan S. Fajans, M.D., Ann Arbor, lectured on "Hyperparathyroidism—A Frequent Unrecognized Clinical Syndrome" and also participated in a panel on "Diabetes Today: Medical and Surgical"; E. Richard Harrell, M.D., Ann Arbor, discussed "The Treatment of Superficial Fungus Infections" and Richard E. Straith, M.D., Detroit, lectured on "Plastic Wound Closure."

DETROIT MD HONORED—Traian Leucutia, M.D. *(right)*, Detroit, receives double congratulations from Harold G. Reineke, M.D., Cincinnati, O., president of the American Roentgen Ray Society. Doctor Leucutia, in addition to receiving the Caldwell Medal *(above)* as the Society's 1961 Caldwell Lecturer, was also named society's president-elect. Samuel W. Donaldson, M.D., Ann Arbor, is first vice president of the Society. The annual meeting was held at Atlantic City.

ACCEPTED AS FELLOWS—Approximately 1,175 surgeons were inducted as new Fellows of the American College of Surgeons at ceremonies closing the annual Clinical Congress.

Those admitted from Michigan were: John W. Berghuis, Adrian; Collis M. Spencer, Albion; Frederick C. O'Dell, Jr., Alpena; Homer S. Arnold, CMDR., USN, George E. Block, Earl F. Wolfman, Jr., Ann Arbor; Richard B. Asbury, Peter L. McGee, Bay City; W. John Kenfield, Benton Harbor; Robert W. Dustin, Clayton H. Gordon, Birmingham; E. James Gordon, Milton C. Hoffman, Charles Kessler, George E. LaCroix, Warren R. Moore, Addison E. Prince, Robert M.

Say you saw it in the Journal of the Michigan State Medical Society

What's she doing that's of medical interest?

She's drinking a glass of pure Florida orange juice. And that's important to her physician for several reasons.

How your patients obtain their vitamins or any of the other nutrients found in citrus fruits is of great medical interest — considering the fact there are so many wrong ways of doing it, so many substitutes and imitations for the real thing.

Actually, there's no better way for this young lady to obtain her vitamin C than by doing just what she is doing, for there's no better source than oranges and grapefruit ripened in the Florida sunshine. There's no substitute for the result of nature's own mysterious chemistry, flourishing in the warmth of this luxurious peninsula.

An obvious truth, you might say, but not so obvious to the parents of many teen-agers.

We know that a tall glass of orange juice is just about the best thing they can reach for when they raid the refrigerator. We also know that if you encourage this refreshing and healthful habit, you'll be helping patients to the finest between-meals drink there is.

Nothing has ever matched the quality of Florida citrus — watched over as it is by a State Commission that enforces the world's highest standards for quality in fresh, frozen, canned or cartoned citrus fruits and juices.

That's why the young lady's activities are of medical interest.

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Reynolds, Saul Sakwa, John D. Schmaltz, Lorraine A. Sievers, Kenneth N. Trader, Seymour A. Vander, John H. Wylie, Jr., Michael N. Zelenock, Leonard S. Zubroff, all of Detroit; Earl J. Horkins, Farmington; Richard J. McMurray, McDermott R. Sullivan, Flint; William R. Torgerson, Jr., Grand Rapids; James G. Hopkins, Grosse Pointe; John H. Luzadre, Grosse Pointe Farm; Harry J. Schmidt, Robert F. Thimmig, Lansing; William C. Heitsch, Lapeer; Norman W. Flaherty, Lincoln Park; James A. Devlin, Robert W. Pollock, Midland; Toufic E. Haddad, Mount Pleasant; Edward M. Fugate, Clarence A. Vandervelde, Muskegon; George R. Sewell, Pleasant Ridge; Herbert J. Hazledine, Port Huron; Byron B. Lutes, Royal Oak.

* * *

ELECTED—C. J. Tupper, M.D., Ann Arbor, is a new member of the board of directors of the American Association of Automotive Medicine. The association was created about three years ago by M.D.'s interested in automotive safety and research.

* * *

GRANTS TO WAYNE—Among the grants accepted recently by Wayne State University was one from the American Cancer Society for $50,531 to continue research in pulmonary cancer. Another grant was $9,740 from the Michigan Foundation for Kidney Diseases.

* * *

SCHOLARSHIPS AVAILABLE—The Michigan State Board of Alcoholism offers scholarships for the Midwest Institute of Alcohol Studies at Kalamazoo, June 18-23 and to the Yale Summer School of Alcohol Studies, June 25-July 20. The scholarships will be awarded to professional people who are in a position that lends itself to working with the problems of alcoholism or alcohol education. Applications for scholarships can be obtained by writing to the Education Director, State Board of Alcoholism, 230 North Grand Avenue, Lansing, Michigan.

* * *

M.D.'S SUGGESTED—Three MSMS members are listed as possible speakers in a new Western Michigan University booklet suggesting "Programs in Aging." The list includes A. Hazen Price, M.D., Detroit, Fredrick C. Swartz, M.D., Lansing, and V. K. Volk, M.D., Saginaw.

* * *

COMMUNITY LEADER—Marshall J. Feeley, M.D., St. Joseph, was recently re-elected President of the Twin City Child Guidance Clinic.

* * *

JOINS WAYNE—Samuel J. Levin, M.D., has been appointed clinical associate professor of pediatrics at Wayne State University College of Medicine. Doctor Levin is the director of the allergy clinic at the Children's Hospital.

* * *

PROFESSORS HONORED—Paul S. Barker, M.D., and Thomas Francis, Jr., M.D., both of Ann Arbor, were among the five professors to receive "Distinguished Faculty Achievement Awards" at the University of Michigan this fall. In addition to the citation, each man received a $1,000 cash award.

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LIST BAHAMAS CLINICS—Among the events listed on the calendar for the Annual Series of Bahamas Conferences are the following: Third Surgical Conference, December 28-January 7; Conference on Hypertension, January 8-14; Third Serendipity Conference, January 22-28; Second Allergy Conference, February 9-15; Eleventh Medical Conference, April 3-15, and Conference on Internal Medicine, April 3-May 6. Information may be obtained from Irvin M. Weshsler, Executive Director, Bahamas Conference, P.O. Box 1565, Nassau, Bahamas.

* * *

SPEAKS IN N. C.—Thomas Francis, Jr., M.D., Ann Arbor, participated in the Medical Sciences Lecture Series at the University of North Carolina. He spoke on viral infections and immunity.

* * *

VISITING PROFESSOR—Sylvester E. Gould, M.D., Detroit, served as the Claude Bernard Visiting Professor at the Institute of Medicine and Experimental Surgery of the University of Montreal in November. Dr. Gould gave three lectures—Pathology of the Heart, Trichinosis, and Medical Writing. Dr. Gould also spoke recently before the Cleveland Area Heart Society.

* * *

RECEIVES HONOR—The American Academy of Ophthalmology and Otolaryngology presented an Award of Merit to Paul L. Cusick, M.D., of Detroit, at its annual meeting. The award was in appreciation for his services in the education program.

NAMED TO STATE COUNCIL—John Scott, M.D., Traverse City, was appointed this fall as a member of the State Council on Health. The term will expire June 30, 1965.

* * *

HONORED—James J. Lightbody, M.D., Detroit, speaker of the MSMS House of Delegates, has been appointed to the five-member Wayne County Board of County Institutions. The board governs the Wayne County General Hospital at Eloise. The appointment is for a three-year term.

* * *

NAMED AT MSU—Herbert Oyer, M.D., formerly at Ohio State University Medical School, is the new director of the Michigan State University speech and hearing clinic. He also is director of the speech and hearing department of the Ingham County Rehabilitation Center.

* * *

INVITE ARTICLES—The International Academy of Proctology will award cash prizes for the best unpublished contribution on proctology or allied subjects. All entries are limited to 5,000 words and must be received no later than February 1, 1961. Entries should be addressed to Alfred J. Cantor, M.D., Executive Officer, International Academy of Proctology, 147-41 Sanford Avenue, Flushing 55, New York.

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ANNOUNCE EXAMS—American Board of Obstetrics and Gynecology announces that Part 1 Examinations (Written) will be held in various cities of the United States, Canada, and military centers outside the Continental United States on Friday, January 13, 1961. Bulletins outlining present requirements may be obtained by writing to Robert L. Faulkner, M.D., Executive Secretary, American Board of Obstetrics and Gynecology, 2105 Adelbert Road, Cleveland 6, Ohio.

* * *

SUPPORTS U-M RESEARCH—Among the grants accepted by the University of Michigan Board of Regents recently was one from the Kellogg Company, Battle Creek, to establish a fund for nutrition research under the direction of H. M. Pollard, M.D., professor of internal medicine.

* * *

COMING MEETINGS—American College of Surgeons Sectional Meeting, January 16-18, 1961, Birmingham, Alabama.

Pediatrics, Obstetrics and Gynecology Problems Postgraduate Course, January 23-27, University of Michigan Medical Center, Ann Arbor, Michigan.

Annual Cardiovascular Seminar, sponsored by the Northeast Florida Heart Association, January 26-28, Prudential Auditorium, Jacksonville, Florida.

Meeting of The American Laryngological, Rhinological and Otological Society, Middle Section, January 27-28, Radisson Hotel, Minneapolis, Minnesota.

Fifteenth Annual Midwinter Seminar on Ophthalmology and Otolaryngology, sponsored by the University of Florida College of Medicine and the Miami University School of Medicine, January 29-February 4, The Americana, Miami Beach, Florida.

Conference on Handicapped Children in Michigan: Problems, Programs, and Services, February 20-21, School of Public Health, University of Michigan, Ann Arbor, Michigan.

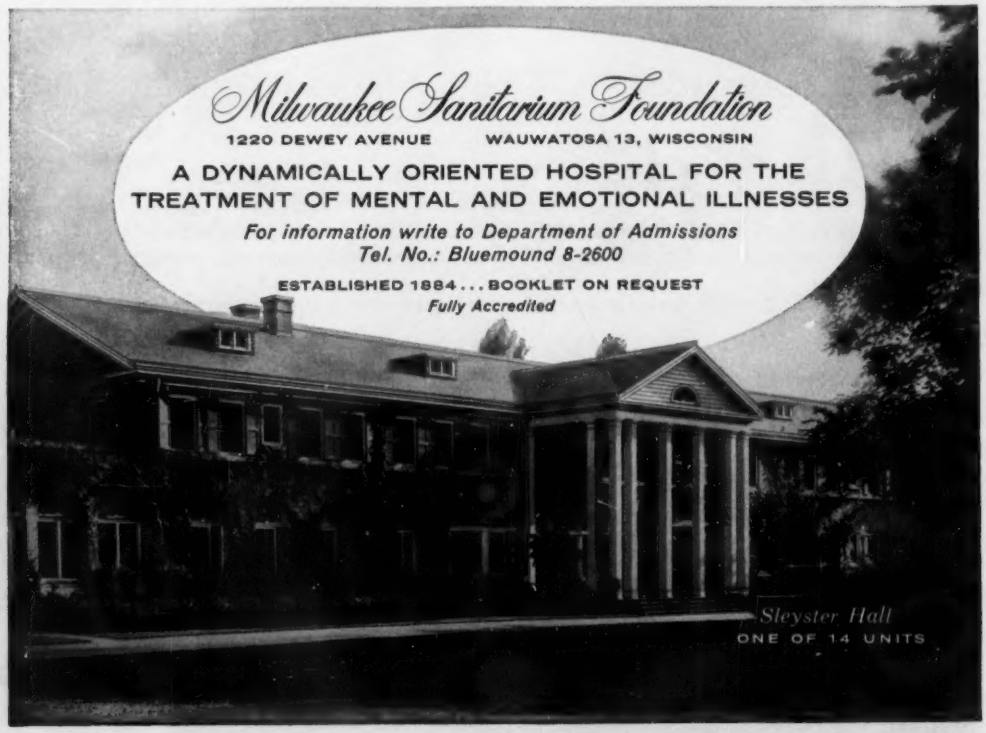
Twenty-fourth Annual Meeting of The New Orleans Graduate Medical Assembly, March 6-9, Roosevelt Hotel, New Orleans, Louisiana, Mannie D. Paine, Jr., M.D., 1430 Tulane Avenue, Room 103, New Orleans 12, Louisiana, Secretary.

Conference on Applied Epidemiology in Communicable Disease Control, March 7-10, School of Public Health, University of Michigan, Ann Arbor, Michigan.

Postgraduate course in Laryngology and Bronchoesophagology, March 13-25, The Department of Otolaryngology, University of Illinois College of Medicine, Chicago, Illinois. For information write to the Department of Otolaryngology, University of Illinois College of Medicine, 1853 West Polk Street, Chicago 12.

Institute on Newer Aspects of Public Health for Health Officers, March 27-31, School of Public Health, University of Michigan, Ann Arbor, Michigan.

Annual Convention of the International Academy of Proctology, April 12, Drake Hotel, Chicago, Illinois.



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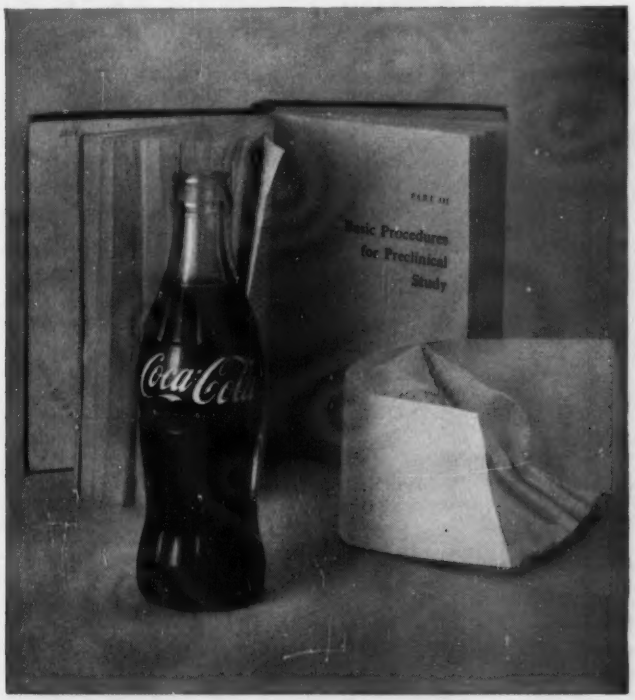

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Grand Rapids, Michigan

IN MEMORIAM

JESSE L. BENDER, M.D., eighty-three, a doctor of medicine for fifty years in various areas of Houghton and Ontonagon counties and in Wisconsin, died August 31, 1960.

A native of Richland Center, Wisconsin, Doctor Bender was a graduate of Marquette University Department of Medicine in 1907. Following graduation he started practicing medicine in Richland County, and later went to the Copper Country, where he was associated for a time with the Isle Royale Mining Company.

Doctor Bender was a member of the Rockland Masonic Lodge, and on August 10, 1960, received his forty-year pin at a special meeting in Rockland.

He was also honored by the Ontonagon County Medical Association in 1957.

J. C. CLIPPERT, M.D., eighty-four, a Detroit physician, died October 16, 1960.

Doctor Clippert was a 1900 graduate of Detroit College of Medicine and a captain in the Army Medical Corps in World War I. In 1951, Doctor Clippert, having practiced medicine for half a century, received the Michigan State Medical Society's Fifty-Year-Award pin.

He was a member of St. John Episcopal Church.

ANTHONY J. FONT, M.D., sixty-six, Detroit obstetrician and gynecologist, died October 20, 1960.

Doctor Font was born in San Juan, Puerto Rico, was graduated at Loyola University, and completed his internship at Grace Hospital in 1917.

He enlisted in the Army Medical Corps in World War I and saw service in France as a captain attached to Base Hospital No. 36.

J. EARL McINTYRE, M.D., seventy-six, Lansing physician and widely known throughout state and national medical circles because of his long tenure as secretary and executive officer of the State Board of Registration in Medicine, died October 21, 1960.

A native of Bettsville, Ohio, Doctor McIntyre came to Lansing in his early childhood. He took his college work and medical training at the Wayne University College of Medicine, interning at Harper Hospital before opening his office in Lansing. He served as president of the Ingham County Medical Society in 1925-26, just prior to his appointment to the Michigan State Board of Registration in Medicine. He also served as a member of the Lasing Board of Health and was first secretary of the Ingham County Tuberculosis Hospital, now the Ingham Medical Hospital.

His experience and reputation in directing affairs of the Registration Board won him national renown and he was elected president of the Federation of State Medical Boards in 1941, and was made a member of the National Board of Medical Examiners. In 1958 he was awarded a fifty-year pin by the Michigan State Medical Society.

Doctor McIntyre was active in local fraternal, church, veterans and social organizations. He was a 32nd degree Mason, a member of Elf Khurafeh Shrine of Saginaw; of Capitol Lodge No. 66, F. & A. M.; Capitol Chapter No. 9,

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R.A.M., and Lansing Commandery No. 25, Knights Templar. He was a past chairman of the board of trustees of First Presbyterian Church, and a member of the Country Club of Lansing and the Lansing City Club.

Doctor McIntyre was a veteran of World War I, serving as an army medical officer from the time of the Mexican border trouble in 1916 until the war's end in 1918. He served as state commander of the United Mexican Border Veterans.

CLIFFORD G. MENZIES, M.D., fifty-eight, former director of Michigan State University's Olin Memorial Hospital, died October 4, 1960.

Doctor Menzies was a graduate of McGill Medical School, Montreal. He interned at Lying-In Hospital, New York City, and spent four years in postgraduate study with Doctor A. C. Furstenberg at the University Hospital, Ann Arbor.

He was director of the Ford Hospital at Iron Mountain for 20 years before he became head of the MSU medical facility. Doctor Menzies was an ear, nose and throat specialist.

He was a member of various medical groups and a member of Peoples Church, East Lansing.

GEORGE N. PETROFF, M.D., forty-two, Pontiac physician and outstanding civic leader, died September 10, 1960.

Doctor Petroff was born in Bestaberg, Pa., and was graduated from Bethany College and Wayne State University College of Medicine. He entered practice in Pontiac in 1944, after returning from the European theater of World War II.

Doctor Petroff was a past secretary of the Oakland County Medical Society, past president of the Pontiac Junior Chamber of Commerce, a member of the Kiwanis, Elks, Chamber of Commerce, Orchard Lake Country Club and Pontiac City Club.

In 1954, the Michigan Junior Chamber of Commerce named Doctor Petroff "Michigan's Outstanding Young Man."

He also acted as a physician for high school athletes and led a drive to raise funds for disaster relief after the Flint tornado. Doctor Petroff served on the Pontiac General Hospital Building Committee, was active in Boy Scout and PTA work and headed the Pontiac Area United Fund's professional solicitations.

He was on the staffs of Pontiac General and St. Joseph Mercy Hospitals.

RAY A. PINKHAM, M.D., seventy-two, a retired Lansing physician, died October 7, 1960.

Doctor Pinkham, a native of Ionia and a graduate of the University of Michigan Medical School, started practicing in Lansing in 1916. He practiced there until his retirement in 1953.

During World War I he was a member of the Army Medical Corps, stationed in New York City treating wounded soldiers returning from overseas.

Doctor Pinkham was a past president of the Ingham County Medical Society. He also was active in the direction of nurse training at St. Lawrence Hospital and taught classes to student nurses for more than 10 years.

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W. O. Umiker, M.D. and **H. H. Gadebusch, M.D.**, Ann Arbor, "Fluorescence Microscopy: A Review," *University of Michigan Medical Bulletin*, July, 1960.

Richard J. Bartlett, M.D., Ann Arbor, "Light Hypersensitivity: A Review," *University of Michigan Medical Bulletin*, July, 1960.

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Edward S. Mercantini, M.D. and **Andrew E. Segal, M.D.**, Detroit, "Clinical Evaluation of Triburon in the Topical Treatment of Pyodermas," *AMA Archives of Dermatology*, June, 1960.

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Nicholas S. Gimbel, M.D., Fredrick Weissman, M.D., Joseph Schirle, M.D. and **Aline U. Orten, Ph.D.,** Detroit, "Acid Debridement of Burned Rats and Men," *American Journal of Surgery*, May, 1960.

Merle Lawrence, Ph.D., Ann Arbor, "Some Physiological Correlates of Noise Induced Hearing Loss," *Industrial Medicine and Surgery*, October, 1960.

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R. V. August, M.D., Muskegon, "Hypnosis: An Additional Tool in the Study of Infertility, Fertility and Sterility," Volume II, Number 1, January-February, 1960.

The Doctor's Library

Acknowledgments of all books received will be made in this column, and this will be deemed by us as full compensation to those sending them. A selection will be made for review, as expedient.

CANCER OF THE CERVIX, DIAGNOSIS OF EARLY FORMS. In honor of Prof. Dr. C. Kaufmann. Ciba Foundation Study Group No. 3. Editors for the Ciba Foundation: G. E. W. Wolstenholme, O.B.E., M.A., M.B., M.R.C.P. and Maeve O'Connor, B.A. 27 illus. Boston: Little, Brown and Company, 1960. Price, $2.50.

This is an excellent small book that thoroughly covers its subject. There are a number of good illustrations and diagrams that support the text and the discussions of the study group. Considerable space is allotted to the Schiller test and enzymatic vaginal secretion studies.

A.A.H.

CLASSICS OF MEDICINE AND SURGERY (formerly titled: Epoch-making Contributions to Medicine, Surgery and the Allied Sciences). Collected by C. N. B. Camac. Dover Publications, Inc., New York, New York: Henry Schuman, 1960. Price $2.25.

This volume contains twelve of what are purported to be the greatest papers in medical history. All are printed in full except that of Laennec, from which excerpts have been taken. Biographies and portraits of the nine authors are included in the work. The papers are unabridged.

This is a republication, paper bound, of a work originally published in 1909 by Saunders, under the title Epoch-making Contributions to Medicine, Surgery and the Allied Sciences.

It is a good source book for those interested in medical writings.

R.W.B.

MEDICINE TODAY: A Report on a Decade of Progress. By Marguerite Clark. New York: Funk & Wagnalls Company, 1960. Price $4.95.

This is a book for the layman on medical progress of the past decade by the Medicine Editor of *Newsweek Magazine*. The author has had more than considerable experience in the field of science writing and particularly in writing about medicine. She has been acclaimed as the outstanding medical journalist in magazine writing today. The book is well written, informative, and seems well documented. She seems to have a knack of presenting this rather difficult material in a language which all can understand. There are no illustrations, but the interesting style of exposition makes up for their absence. Most of the material is derived from personal interviews with well-known practitioners and research workers throughout the country.

It is a highly recommended book for laymen, so many of whom are interested in this subject, the light reading for the doctor, as well.

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SOURCE BOOK OF MEDICAL HISTORY. Compiled with notes by Logan Clendening, M.D. Dover Publications, Inc., New York, New York. New York: Henry Schuman, 1960. Price $2.75.

As the title implies, this book, in paper-bound form, is a compilation of classical medical writings presented in the order of their historical time of occurrence. To each section, brief introductory notes on the section or author are included. Selections from lay-literature of the time proporting to show a view of the medical life of the time from another viewpoint, are presented. Few articles appear in entirety, but rather as selected excerpts.

Covering a period of some 4,000 years of medical history, 124 papers by 120 authors, are presented in chronological order.

Although paper covered, the book is well printed on good stock, with legible type and offers an interesting compilation for those interested in the subject.

R.W.B.

SIGHT. A Handbook for Laymen. By Roy O. Scholz, M.D., Ophthalmologist, The Johns Hopkins Hospital; Ophthalmologist-in-Charge, Out-Patient Department, The Johns Hopkins Hospital. Garden City, New York: Doubleday & Company, Inc., 1960. Price, $3.50.

There is a field for the use of this book. Many questions are asked of the doctor: What to do about this or that or what eye conditions may mean. The schools have questions, the parents of children have questions, and other doctors have questions. This book contains a rather well-selected treatise upon the eyes, tells about eye examinations, what they will disclose, the prescription of glasses, the discussions of the various items discovered such as astigmatism, far sightedness, near sightedness, contact lenses, optical aids, children's eyes, crossed eyes, glaucoma, cataract, the blind. It is well written and sufficiently illustrated.

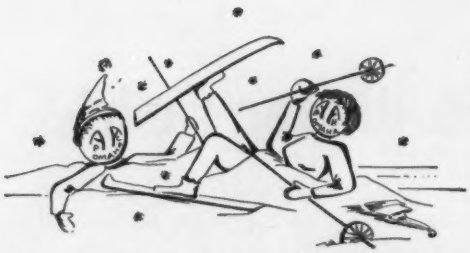
PHYSIOLOGY OF PREGNANCY, Edited by Ernest W. Page, M.D., and ENDOMETRIOSIS, Edited by Charles S. Stevenson, M.D. Clinical Obstetrics and Gynecology, Volume 3, Number 2, June, 1960. New York: Paul B. Hoeber, Inc., Medical Division of Harper & Brothers Published Quarterly, $13.00 a year.

The first subject in this quarterly review is Physiology of Pregnancy. This includes the Physiology of the Human Placenta at Term, Hormones, Carbohydrate Metabolism, Plasma Lipids, Renal Functional Changes, Circulatory Adjustments, Hematologic Aspects and the Physiology of the Uterine Contraction.

The chapter on Carbohydrate Metabolism presents many new as well as future possibilities of saving fetuses which would otherwise be lost.

The second subject is Endometriosis. The newer concepts of the pathology, probable mechanisms of origin and spread together with hormone treatment and surgical treatment are discussed in detail. The overall thought is saving as much ovarian tissue as possible in all women under the age of sixty.

The concluding chapter presents varied case histories, their



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J.R.P.

YOUR CHILD'S CARE, 1001 QUESTIONS AND ANSWERS. A new, revised, and enlarged edition of "A Pediatric Manual for Mothers." By Harry R. Litchfield, M.D., F.A.C.P., and Leon H. Dembo, M.D. Garden City, New York: Doubleday & Company Inc., 1960. Price, $3.95.

This is the second edition of a comprehensive pediatric handbook for mothers. Newer medications, methods of treatments and discoveries, such as the vaccines, have been added. The text is unique in that it is entirely a question-and-answer presentation, thereby eliminating extensive reading and being more useful as a quick reference.

The main value of the book is for the mother. However, it is useful to the busy general practitioner as well as the pediatrician. Many subjects are touched on lightly, but sufficient information is given to be of great help to the parent.

J.R.P.

1846-1958 DIGEST OF OFFICIAL ACTIONS. American Medical Association. Volume 1, First Edition. By F. J. L. Blasingame, M.D., Executive Vice President. American Medical Association, 1959. Price, $5.00.

RUDOLPH MATAS. A Biography of One of the Great Pioneers in Surgery. By Isidore Cohn, M.D., with Hermann B. Deutsch. Garden City, New York: Doubleday & Company, Inc., 1960. Price, $5.95.

To the special group of people who knew Rudolph Matas as a person, this biography will be an invaluable source book and it deserves a place on their book shelf. However, the vast majority will find it a difficult book to read. The authors have buried the brilliant drama of Matas' life and career under a mass of inconsequential detail, including his forebears, political and historical anecdotes, and social philosophy.

For an occasional page and, rarely, for a chapter, the book comes to life and the reader is introduced to what the book might have been. The rest of the book is heavy going.

Rudolph Matas deserves membership in that group of famous American medical men, such as the Mayo brothers, whose biographers have familiarized the general public with the men and their work. The material is there. This book does Rudolph Matas a disservice.

J.M.H.

MEDICAL RESEARCH AND THE DEATH PENALTY. A Dialogue. New York-Washington-Hollywood: Vantage Press, 1960. Price, $2.50.

A bizarre program for carrying out death penalties in criminals is proposed in this little book. Consideration of the "rightness" of the death penalty are developed into an argument between proponents and opponents. The author tells of the difficulty of doing some very useful and maybe necessary vivisection experiments on live human beings, which would add greatly to knowledge. He proposes to use death by anesthesia as a method of carrying out the death penalty, the condemned to be given a choice of hanging, gas, shooting,

or anesthesia. Those choosing anesthesia are to be used as experimental material, to completion of experiments, will be kept under anesthesia, and finally a lethal dose given. The person will be anesthetized at the time of the sentence—the difference being this is a different method and does provide vivisection material with no pain of untoward after-effects.

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- Provides an up-to-date statement
- Posts the patient's account
- Permits photo-type statements
- Makes the day book record
- Minimizes bookkeeping

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Treatment for Emotional and Mental Disorders

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The Officers and Publication Committee of the
Michigan State Medical Society extend their

Sincere Best Wishes

for a

Merry Christmas

and a

Happy New Year

to

All our Readers
And all Advertisers and Agencies who use
THE JOURNAL
of the Michigan State Medical Society

Fluoride occurs naturally in water used by communities in forty-three States, according to a US Public Health Service report, "Natural Fluoride Content of Communal Water Supplies."

Based on data compiled by the dental directors of all state health agencies, the report indicates that the water supplies of 1,903 cities and towns with a combined population of 7 million contain enough fluoride naturally to prevent two out of three dental cavities.

* * *

A national medical center for Korea, which was opened October 2, 1958, in Seoul, is the largest modern medical facility in the Far East. The center has 465 beds and was financed with 2.4 million dollars from UNKRA funds and 2 million dollars contributed by Norway, Sweden and Denmark. For its first five years of operation, the center will have approximately eighty Scandinavian staff members, supported by an annual 1.5 million dollars contribution from the three countries. The entire facility will be turned over to Korea in 1963.

* * *

Louse-borne typhus cases, which were counted in the millions after World War I and in the hundreds of thousands after World War II, amounted to only 5,800 in 1959, according to the World Health Organization.

This represents a decrease of more than 1,000 cases from the 1958 figure of 6,960. The biggest drop was in Ethiopia.

Reports from the U. S. Census of Manufacturers show Michigan had 9,891 industrial plants in 1947, 12,711 in 1954 and 13,238 in 1958. During the past period from 1954 to 1958 Michigan gained 527, just passed by Illinois with 531 but way ahead of Ohio's 407. Michigan lost three plants per year employing 20 or more.

* * *

Write Michigan Economic Development Department, 110 Stevens T. Mason Building, Lansing, Michigan, for 13-minute movie "Michigan Means Business" for showing to luncheon clubs.

* * *

Did you know?—That Americans spend twice as much money for recreation, alcoholic beverages and tobacco as they do for medical care.

* * *

For the first time in its 91 years of continuous history, the San Francisco Medical Society is presided over by a physician who is a woman, Roberta F. Fenlon, M.D. Doctor Fenlon, a leader in the San Francisco medical community for a number of years. "The future for a woman physician is very good—if she has the desire and the stamina," says Doctor Fenlon.

* * *

A poisonous substance—benzpyrene—that is a suspected cause of cancer was found in the air of 103 cities by Public Health Service. Benzpyrene results mainly from burning or distilling of furnace fuels and is known to cause cancer in animals.

Keep medical education on the march

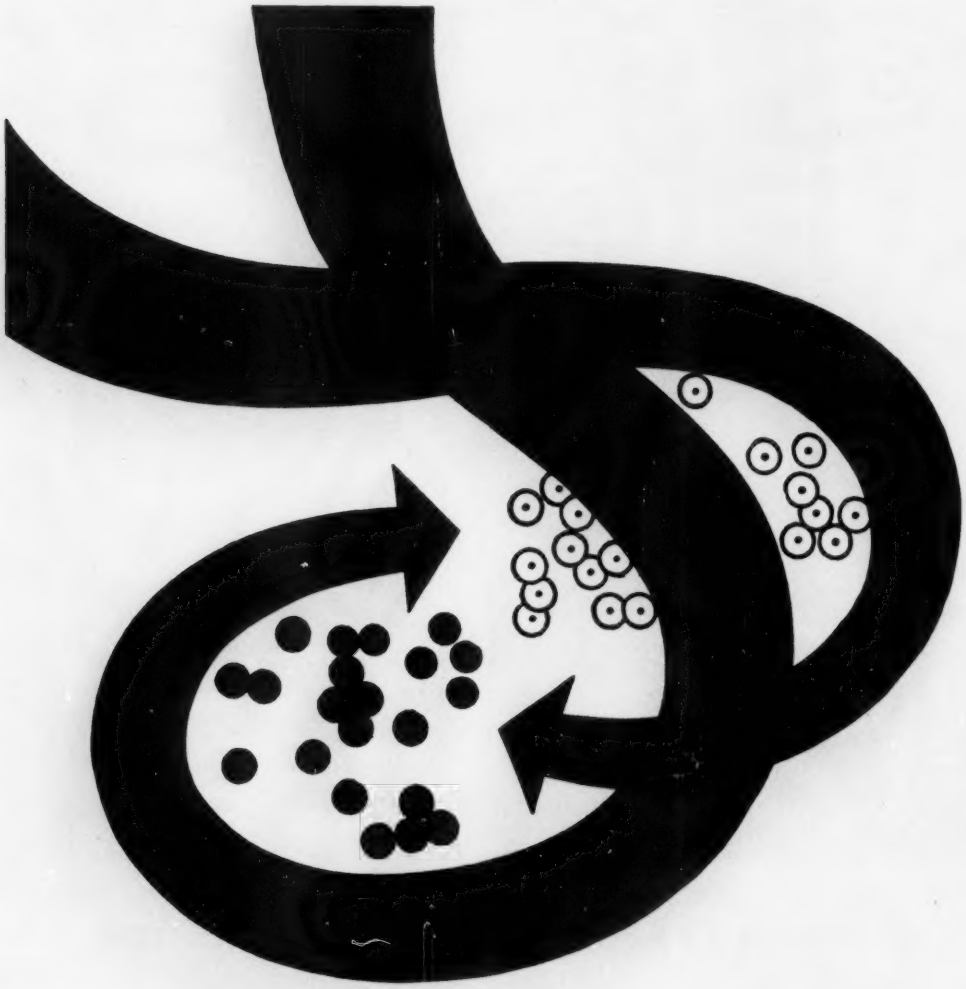
When your patient needs plasma, you make sure he gets it. Right now, the medical schools of our nation need the plasma of your financial aid—need it badly—to maintain our present high standards in medical education.

Since the days of Hippocrates, who declared the obligation "... to share my substance with (the student) and relieve his necessities if required," doctors have contributed of their substance to keep medical knowledge on the march. Today you can contribute most effectively by aiding our medical schools through gifts to AMEF.

If others are to understand this need and offer help, the medical profession must take the lead in supporting the nation's medical schools. Make out *your* check to the AMEF *today*. Every cent of your gift will go to the school—or schools—of your choice.

Give to the AMERICAN MEDICAL EDUCATION FOUNDATION

535 North Dearborn Street, Chicago 10, Illinois



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Demethylchlortetracycline

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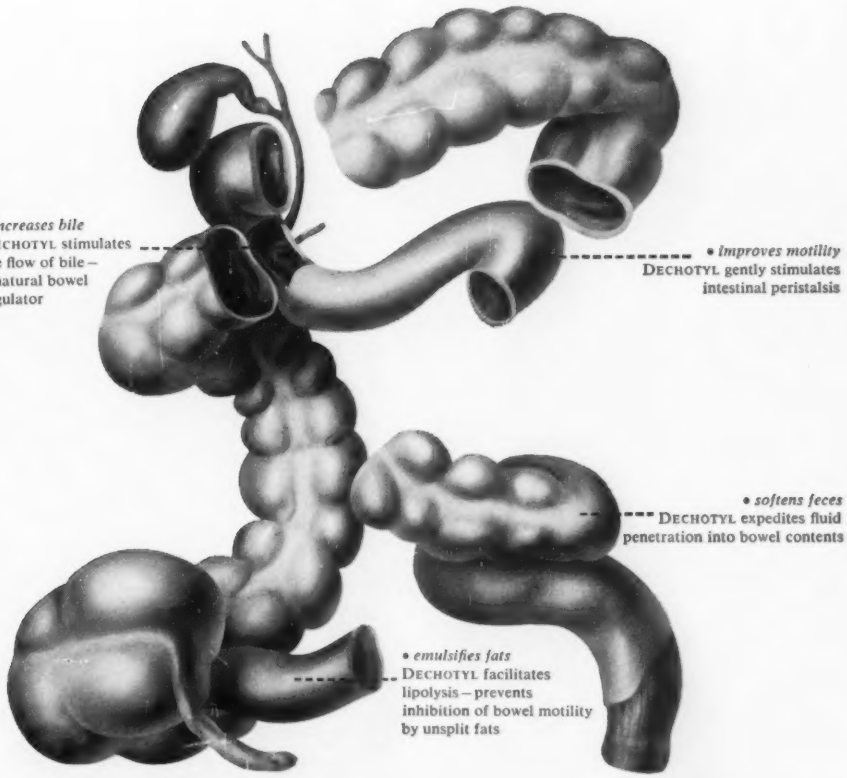
CAPSULES, *150 mg. DECLOMYCIN Demethylchlortetracycline HCl and 250,000 units Nystatin.*
DOSAGE: *average adult, 1 capsule four times daily.*

LEDERLE LABORATORIES, A Division of AMERICAN CYANAMID COMPANY, Pearl River, New York

Say you saw it in the Journal of the Michigan State Medical Society



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well tolerated...gentle transition to normal bowel function

Recommended to help convert the patient – naturally and gradually – to healthy bowel habits. Regimens of one week or more are suggested to assure maintenance of normal rhythm and to avoid the repetition of either laxative abuse or constipation.

Average adult dose: Two TRABLETS at bedtime as needed or as directed by a physician. *Action usually is gradual, and some patients may need 1 or 2* TRABLETS *3 or 4 times daily.*

Contraindications: Biliary tract obstruction; acute hepatitis.

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SMITH KLINE & FRENCH

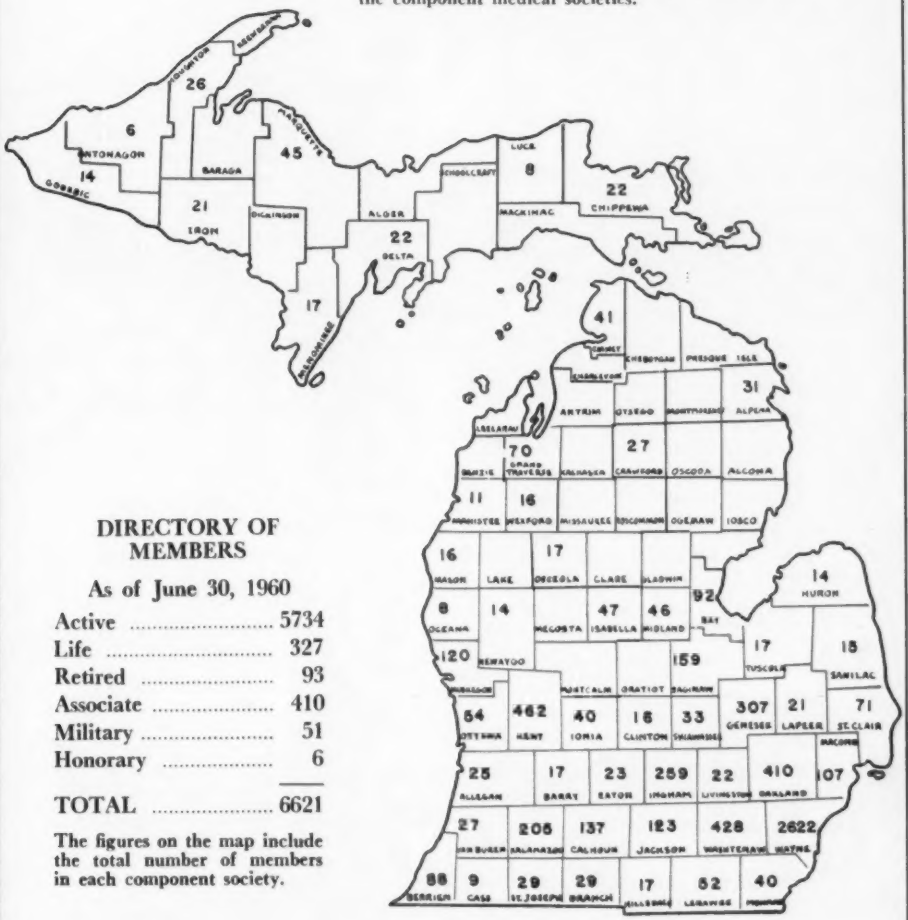
The Journal
Michigan
STATE MEDICAL SOCIETY

August, 1960
Volume 59
Number 8

(This number is composed of two sections, of which this is Section 2)

Directory of Members—1960

The blue lines on the map indicate the boundaries for the component medical societies.



DIRECTORY OF MEMBERS

As of June 30, 1960

Active	5734
Life	327
Retired	93
Associate	410
Military	51
Honorary	6
TOTAL	6621

The figures on the map include the total number of members in each component society.

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Salts of Dihydrohydroxycodeinone and Homatropine, plus APC

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U.S. Pat. 2,628,185

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Michigan State Medical Society

Directory of Members, 1960

Listed by Component Medical Societies

(Special Memberships are indicated as follows: "L" for Life Members; "M" for Military Members; "R" for Retired Members; "A" for Associate Members; all others are Active Members.)

Numbers in parentheses indicate County Society Code Numbers used in Alphabetical Roster.

ALLEGAN COUNTY MEDICAL SOCIETY (10)

Brachman, A. Peter, Jr.....222 Trowbridge St., Allegan
Brown, Lewis F.....133 E. Allegan St., Otsego
Burt, Emma G.....Allegan Co. Health Dept., Allegan
Chase, Walter E.....890 Riverview Rd., Plainwell
Clark, James I.....Box B, Fennville
Dickinson, Clyde A.....Wayland
Everett, D. W.....Plainwell Sanitarium, Plainwell
Goddard, G. B.....218 E. Orleans, Otsego
Goude, Albert G. (A).....Hopkins
Hays, James D.....Saugatuck
Johnson, Elwin B.....144 Brady St., Allegan
Johnson, Harrison H. (L).....Wayland
Keeler, Van O.....Otsego
Kromer, Robt. A.....Wayland
Mahan, James E.....402 Trowbridge St., Allegan
Medill, Wilbur C.....139 N. Main St., Plainwell
Miller, Kenneth C.....Saugatuck
Pone, Janis.....Martin
Ramseyer, Gladwin E.....130 N. Main St., Plainwell
Schneiter, Harry E.....425 Cutler, Allegan
Topp, Elwin W.....502 N. Main St., Plainwell
Van Der Kolk, Bert.....Hopkins
Vander Voord, Gerald.....Moline
Vaughan, Willard R.....Plainwell
Wiseman, Bertha A.....Box 177, Allegan

ALPENA-ALCONA-PRESQUE ISLE COUNTY MEDICAL SOCIETY (14)

Arscott, Edward F.....Rogers City
Brown, Donald C.....312 E. Chisholm St., Alpena
Bunting, John W.....110 N. 1st Ave., Alpena
Burkholder, H. J. (L).....122 N. Second Ave., Alpena
Cohn, Stuart L.....1253 W. Washington, Alpena
Constantine, Aeneas.....Harrisville
Finch, Donald E.....Onaway
Foley, Arthur L.....Rogers City
Foley, Richard.....Rogers City
Grause, Thomas J.....312 E. Chisholm St., Alpena
Henderson, D. G.....Alpena General Hosp., Alpena
Hier, Edward A.....125 N. Second Ave., Alpena
Jackson, Wm. F.....Rogers City
Kessler, Harold.....312 E. Chisholm St., Alpena
Kutsche, W. F.....208 Lake St., Oscoda
Leopard, J. M.....312 E. Chisholm St., Alpena
Lipski, John G.....Posen
Nesbitt, Wm. E.....123 N. 2nd Ave., Alpena
O'Dell, F. C., Jr.....110 W. Chisholm St., Alpena
O'Donnell, Francis J.....153 State St., Alpena
Parmenter, Elbert S.....Box 192, Alpena
Py, Raymond J.....115 N. First St., Alpena
Ramsey, J. Allen.....312 E. Chisholm St., Alpena
Ries, Robt. C.....Rogers City
Riker, John L.....126 Hitchcock Ave., Alpena
Rowell, Wilfred J.....Alpena Gen. Hosp., Alpena
Spens, James E.....123 N. Second Ave., Alpena
Town, Floyd.....Hillman
Wagoner, Darwin E.....6515 Loud Drive, Oscoda
Wienczewski, T. W.....811 Chisholm St., Alpena
Wilson, Chas. S. (L).....730 State St., Alpena

BARRY COUNTY MEDICAL SOCIETY (18)

Birk, Wilbur R.....146 State St., Hastings
Castleman, Douglas H.....146 E. State St., Hastings
Clark, Daniel M. (R).....2035 Lycoming Creek, Williamsport, Pa.
Finnie, Raymond G.....118 E. Walnut St., Hastings
France, Lloyd C. (A).....7610 Kipling, Detroit 2
Gwinn, Alexander B.....102 E. State St., Hastings
Heaslip, Jos. D.....Barry Co. Hlth. Center, Hastings
Huebner, R. J.....234 E. State St., Hastings
Logan, Wesley G.....City Bank Bldg., Hastings
Lofdahl, Stewart (R).....N. Main St., Nashville
Millard, James A.....303 Main St., Middleville
Morris, Edgar T. (L).....Nashville
Myers, Thos. W.....307 N. Main St., Nashville
Noah, Melvin L.....118 W. Main, Caledonia
Phelps, Everett L.....118 E. Walnut St., Hastings
Pryor, Robt. B.....234 E. State St., Hastings
Volkel, James.....303 Main St., Middleville
Wedel, Herbert S.....234 E. State St., Hastings

BAY-ARENAC-IOSCO COUNTY MEDICAL SOCIETY (22)

Alcorn, Kent A.....1420 Center Ave., Bay City
Alcorn, Marshall W.....1420 Center Ave., Bay City
Allen, Arthur D.....101 W. John St., Bay City
Asbury, Richard B.....2nd & Johnson Sts., Bay City
Asline, John N.....207 N. Walnut St., Bay City
Austin, Justus J.....Tawas City
Boatwright, D. C. (A).....4357 Mt. Foster Ave., San Diego 17, Calif.
Bowman, David A.....101 W. John, Bay City
Brinkman, Harvey H.....116 W. State St., East Tawas
Brown, Geo. M.....207 N. Walnut St., Bay City
Campbell, Donald A.....1109 N. Johnson, Bay City
Campbell, John S.....1838 McKinley Ave., Bay City
Chapin, Frdk. J.....2121 Center Ave., Bay City
Connelly, C. J.....1104 S. Madison Ave., Bay City
Cook, Hugh K.....101 W. John St., Bay City
Cook, Raymond R.....1115 Fifth Street, Bay City
Cooper, James C.....102 Woodside, Essexville
Cosens, Stanley A.....101 W. John St., Bay City
Crissey, Robt. R.....101 W. John St., Bay City
Criswell, Robt. H.....721 Washington Ave., Bay City
Dardas, Michael J.....605 5th Ave., Bay City
De Waele, Paul L.....1106 N. Johnson St., Bay City
Dolbee, Malcolm K.....Box 435, Standish
Ellison, Alfred, Jr.....101 John St., Bay City
Follis, Wm. M.....101 W. John St., Bay City
Gamble, Wm. G., Jr.....2010 5th Ave., Bay City
Gehman, J. R.....Standish
Geneczko, John T.....1102 Columbus Ave., Bay City
Grigg, John W. (A).....Harper Hospital, Detroit
Gunn, Robt. P.....200 Lafayette, Bay City
Hafford, Robert C.....101 W. John St., Bay City
Hagelshaw, Gayland L.....101 W. John St., Bay City
Hess, Chas. L. (R)....110 E. Coronado Rd., Phoenix, Ariz.
Heuser, Harold H.....916 Washington Ave., Bay City
Hickner, Lawrence P.....101 W. John St., Bay City
Horowitz, Saml. F.....1415 Center Ave., Bay City
Howland, Walter L.....P.O. Box 633, Pinconning
Huckins, Rodger S.....1802 Broadway, Bay City
Jacoby, Abraham H.....2202 Ninth St., Bay City
Jacques, J. E.....Tawas City
Jaffe, Martin D.....304 Davidson Bldg., Bay City
Jens, Otto F.....1506 Prairie St., Essexville
Johnson, Orlen J.....207 N. Walnut St., Bay City
Jones, M. Culver.....900 N. Jackson, Bay City
Kelly, Larry Stanley.....East Tawas
Kershul, Victor W. (A).....1128 W. Washington St., Ann Arbor
Kessler, Mana.....311 Center Ave., Bay City
Kessler, Sabina.....311 Center Ave., Bay City
Knobloch, Howard T.....1102 Columbus, Bay City
Kulinski, Eugene J.....601 Ames Ct., Bay City
Langin, John L.....100 15th St., Bay City
LaPorte, L. A.....308 Newman St., East Tawas
MacRae, Leonard D.....813 Sherman St., Bay City
Mayne, John C.....101 W. John St., Bay City
McDonnell, Walter R.....Pinconning
McGee, Harry B.....101 W. John St., Bay City
McGee, Peter L.....Davidson Bldg. Bay City
McSherry, Leo B., Jr.....1102 Columbus Ave., Bay City
Medvezky, Michael J.....1106 S. Madison Ave., Bay City
Miller, Edwin C.....101 W. John St., Bay City
Moeller, Arlyn.....102 Woodside, Essexville
Moore, Neal R.....704 N. Jackson, Bay City
Mosier, Dwight J.....101 W. John St., Bay City
Payea, Norman P.....217 Newman St., East Tawas
Pearson, Stanley M.....101 W. John St., Bay City
Pelczar, Walter E.....321 N. Johnson St., Bay City
Prophater, Robt. C.....2696 Westgate Dr., Bay City
Reddick, C. E.....Court House, Bay City
Reed, Wm. S.....1407 Center, Bay City
Reuter, Clarence W.....101 W. John St., Bay City
Rodda, E. R.....101 W. John St., Bay City
Rogers, Charles S.....101 W. John St., Bay City
Schmelzer, Wm. J.....602 Mercer St., P.O. 746, Pinconning
Shafer, Harold C. .....101 W. John St., Bay City
Shields, Hubert L.....101 W. John St., Bay City
Smith, J. Campbell.....R.R. 2, Tekonsha
Staley, Hugh O.....Omer
Standiford, David.....101 W. John St., Bay City
Stankey, Robt. M.....310 Pine St., Essexville
Stroia, Livius N.....101 W. John St., Bay City
Suter, Don E.....307 Davidson Bldg., Bay City
Sutton, R. L., Jr.....116 W. State St., East Tawas
Taheri, Zia E.....1411 Center Avenue, Bay City
Tarter, Clyde S.....1712 Center Ave., Bay City
Tompkins, Dana A.....Pinconning
Treadway, Gaylord.....900 N. Jackson, Bay City
Urmston, Paul R. (L)....916 Washington Ave., Bay City
Vail, Harry F.....812 N. Grant St., Bay City
Wilson, Thos. G. (R).....Venice, Florida
Woodburne, Harris L.....1420 Center St., Bay City
Wright, Thomas B.....101 W. John St., Bay City
Zaremba, Aloysius J. (L)....108 S. Madison Ave., Bay City
Ziliak, Alois L., Jr.....3393 Kiesel Rd., Bay City

BERRIEN COUNTY MEDICAL SOCIETY (26)

Bailey, John H.....2150 Samuel Ave., Benton Harbor
Beal, Gerald N.....Sheperd Benning Bldg., St. Joseph
Benner, Wm. H.....700 Empire Rd., Benton Harbor
Bliesmer, August F.....505 Pleasant St., St. Joseph
Bronfenbrenner, Jack.....687 E. Empire Ave., Benton Harbor
Bruni, John R.....1 South Fifth St., Niles
Butler, Wm. J.....Henry Ford Hospital, Detroit 2
Camp, Donald C.....8 N. St. Joseph Ave., Niles
Cawthorne, Harold J. (R).....239 Pipestone St., Benton Harbor
Chickering, Wm. A.....205 E. Delaware St., Benton Harbor
Cilella, S. G.....Pawating Hospital, Niles
Conway, Jos.....Watervliet
Conybeare, Robt. C.....756 Pipestone, Benton Harbor
Cooper, Wm. L.....Rt. 1, Paw Paw Island, Coloma
Crowell, Richard C.....519 Ship St., St. Joseph
Dalgleish, Archie J.....460 N. Main St., Watervliet
Eidson, Hazel D.....Berrien Springs
Elghammer, Richard M.....1106 Highland Ave., St. Joseph
Elliott, J. Colin.....802 E. Front St., Buchanan
Emery, Clayton S.....1020 Niles Ave., St. Joseph
Emery, Wm. K.....1020 Niles Ave., St. Joseph
Faber, Michael.....44 Elm St., Benton Harbor
Fattic, Grover R. Jr.....Box 427, Niles
Feeley, Marshall J.....2516 Niles Ave., St. Joseph
Feldmann, Robt. J.....2101 Chestnut, Philadelphia, Pa.
Friedman, Morris E.....Barton St., New Buffalo
Galles, James O.....Rte. 1, Paw Paw Island, Coloma
Garrett, Evan L.....P.O. Box 427, Niles
Gillette, Clarence (L).....R.F.D. No. 4, M-60W, Niles
Gould, Samuel.....127 E. Napier Ave., Benton Harbor
Grayson, Chas. J.....4 Maple St., Three Oaks
Green, Barbara G.....2600 Morton Street, St. Joseph
Green, Robt. L.....2600 Morton Street, St. Joseph
Grundset, Harold M.....Route 1, Box 265, Coloma
Gustin, Ralph D.....100½ Ferry St., Berrien Springs
Harrison, L. L.....304 Main Street, Niles

Hassan, D. Kent.....802 E. Front St., Buchanan
Hayes, Thos. P.....922 Main St., St. Joseph
Henderson, Fred C.....703 E. Main, Niles
Hershey, Noel J.....P.O. Box 222, Niles
Holt, Robt. E.....P.O. Box 222, Niles
Howard, Frank W.....756 Pipestone, Benton Harbor
Hudnutt, Dean.....811 Myrtle St., St. Joseph
Huff, Harold D.....126 Main St., Niles
Irgens, Edwin R.....910 Kingsley Ave., St. Joseph
Johnston, Wm. H.....2522 Niles Avenue, St. Joseph
Kelsall, Harvey I.....1600 Niles Ave., St. Joseph
Kenfield, W. J.....756 Pipestone, Benton Harbor
Kennedy, F. Alan.....239 Pipestone, Benton Harbor
King, Byron B.....687 Empire, Benton Harbor
King, Frank A., Jr.....169 Michigan St., Benton Harbor
Klos, Henry J.....2700 Highland Ct., St. Joseph
Landgraf, Robt. L.....P.O. Box 222, Niles
Leva, John B.....1122 Salem Ave., Benton Harbor
Lindenfeld, Fredk. H.....8 N. St. Joseph Ave., Niles
Lininger, Richard E.....2712 Highland Ct., St. Joseph
Manning, John T.....1611 Forres Ave., St. Joseph
May, A. J.....925 Pipestone St., Benton Harbor
McLelland, J. T.....Mercy Hosp. X-Ray Dept., Benton Harbor
McNabb, Arthur A.....469 Main St., Watervliet
Mesirow, Stanley M.....687 E. Empire Ave., Benton Harbor
Miller, Edward A. (R)....420 Kimmel St., Berrien Springs
Moore, T. Scott.....P.O. Box 416, Niles
Ozeran, Chas. J.....127 E. Napier, Benton Harbor
Padelford, Wm. J.....South Lyon
Peshka, David K.....P. O. Box 427, Niles
Polansky, Sanford.....84 W. Main St., Benton Harbor
Porter, Chas. B.....1589 Colfax Ave., Benton Harbor
Pritchard, Harold M.....502 Broadway, Niles
Rague, Paul O.....960 Agard, Benton Harbor
Ray, Dean K.....2522 Niles, St. Joseph
Reagan, Robt. E.....232 Windsor, Benton Harbor
Rice, Franklyn G.....324 N. Fourth St., Niles
Richmond, Dean M.....314 State St., St. Joseph
Ruth, J. Griswold.....507 Britain Ave., Benton Harbor
Skinner, James W.....460 Ridgeway St., St. Joseph
Smith, W. B.....239 Pipestone St., Benton Harbor
Sowers, Bouton F.....756 Pipestone, Benton Harbor
Strayer, John W.....P.O. Box 222, Niles
Stulik, Chas. K.....Town Line Rd., P.O. Box 98 Union Pier
Thorup, D. W.....756 Pipestone St., Benton Harbor
Urist, Maurice D.....454 Pipestone St., Benton Harbor
Valantiejus, John A.....R.R. 2, Cedar Lane Farm, New Buffalo
Vastine, Russell J., Jr.....430 W. Chicago, Buchanan
Westervelt, H. O.....539 Pearl St., Benton Harbor
Wilson, Clinton W.....925 Pipestone St., Benton Harbor
Winegar, Alvon C.....1531 E. Sunshine, Springfield, Missouri
Woodford, Hackley E.....191 Michigan St., Benton Harbor
Zick, Luther H.....2522 Niles Ave., St. Joseph

BRANCH COUNTY MEDICAL SOCIETY (30)

Aldrich, Napier S.....162 Marshall St., Coldwater
Andrews, Frank A.....R.R. 1, Anten Mills Ontario, Canada
Bacon, Chas.....300 E. Chicago, Coldwater
Bailey, James E., Jr. .....300 E. Chicago, Coldwater
Beck, Perry C.....Box 25, Bronson
Bien, Walter W. J. (L).....4 W. Chicago St., Coldwater
Coates, Carl A.....135 Stringtown, R.F.D. 1, Quincy
Culver, Bert W. (L).....72 Division St., Coldwater
Culver, Dean T.....173 E. Chicago St., Coldwater
Fraser, Robt. J.....22 W. Pearl St., Coldwater
Gomley, Henry C.....108 E. Chicago St., Bronson
Hamilton, Earl D.....St. Home Trng. Sch., Coldwater
Harris, Donald M.....35 S. Sprague St., Coldwater
Heffelfinger, John C.....292 E. Chicago Ave., Coldwater
Leitch, Robt. M.....304 N. Broadway, Union City
McLain, Richard W. (L)....37 Janoah Ave., Battle Creek
Meier, Harold J.....87 W. Pearl St., Coldwater
Mooi, Henry R.....20 Fairfield Dr., Coldwater
Moss, Harvey L.....86 W. Clarke, Coldwater
Nettleman, Wm. E.....136 E. Pearl St., Coldwater
Olmsted, Kenneth L.....70 Marshall St., Coldwater
Rennell, Edwin J.....Coldwater State Home, Coldwater
Rick, John J.....61 E. Chicago St., Coldwater
Southworth, Robt.....50 Division St., Coldwater
Thomas, James A.....390 E. Chicago St., Coldwater
Walton, Nathaniel J.....Quincy
Weidner, Harold R.....50 Division St., Coldwater
Wise, Robert.....St. Home Trng. Sch., Coldwater

CALHOUN COUNTY MEDICAL SOCIETY (34)

Albright, Arnold A.....401 Security Tower, Battle Creek
Allen, R. H.....191 College, Battle Creek
Amos, Norman H.....1708 Wolverine Tower, Battle Creek
Anderson, Harold E.....65 W. Michigan Ave., Battle Creek
Bakken, Richard L.....113 N. McCamly, Battle Creek
Barden, Stuart P.....Leila Hosp., Battle Creek
Baribeau, Roy H.....65 W. Michigan Ave., Battle Creek
Becker, Harry F.....Route 3, Box 303A, Battle Creek
Berghorst, John (A).....VA Hospital, Battle Creek
Bodine, Harold R.....1 W. Michigan Ave., Battle Creek
Bonifer, Philip P.....231 North Ave., Battle Creek
Boswell, David E.....105 N. Jefferson Ave., Marshall
Brainard, C. W...148 Wah Wah Tay Seeway, Battle Creek
Braverman, A. H. (A).....VA Hospital, Ft. Custer
Brown, Robt. W.....203 Capital Ave. N.E., Battle Creek
Campbell, Alice F.....103 E. Mulberry St., Albion
Campbell, Jack S.....1018 North Ave., Battle Creek
Campbell, Richard J.....140 Capital Ave. N.E., Battle Creek
Capron, M. J., Jr.....806 Security Bk. Bldg., Battle Creek
Caviness, L. Harold.....185 N. Washington, Battle Creek
Chandler, Edward M.....411 Mich. Nat. Bk. Bldg., Battle Creek
Chynoweth, Wm. R. (L).....207 Post Bldg., Battle Creek
Coakes, Jack E.....112 W. Mansion, Marshall
Colquhoun, Graham F.....25 W. Michigan Ave., Battle Creek
Cram, Ralph A.....Albion
Curry, Robt. K.....Homer
Daly, Harold L., Jr.....318 S. Superior St., Albion
Daly, Miriam I.....318 S. Superior, Albion
D'Aversa, Generoso.....705 Orchard Dr., Albion
Diamante, Paul J.....70 W. Michigan Ave., Battle Creek
Dickson, Albert R. (L)....250 Champion St., Battle Creek
Dodge, Warren M., Jr.....1207 Wolverine Tower, Battle Creek
Fairbanks, Stephen.....306 S. Superior, Albion
Ferazzi, Patrick S.....1018 North Ave., Battle Creek
Finch, Duward L.....719 Capital Ave. S.W., Battle Creek
Fisher, Robt. E.....1501 W. Michigan Ave., Battle Creek
Fraser, Robt. H.....25 W. Michigan Ave., Battle Creek
Funk, L. D.....Athens
Giddings, A. M. (L).....Battle Creek San., Battle Creek

Gilfillan, Margery J. (L).....Route No. 1, Richland
Girardot, J. J.....25 W. Michigan, Battle Creek
Graubner, Franklin L.....Bogar Theater Bldg., Marshall
Gray, J. Allan.....309 Mich. Nat'l. Bank, Battle Creek
Griffith, Jack C.....616 Mich. Nat. Bnk. Bldg., Battle Creek
Hamady, Alfred.....1018 North Ave., Battle Creek
Hansen, Edwin L.....216 North Ave., Battle Creek
Hansen, Harvey C.....65 W. Michigan Ave., Battle Creek
Haughey, Wilfrid (L).....610 Post Bldg., Battle Creek
Henderson, Philip M.....109 W. Erie, Albion
Henriksen, J. D.....236 Beckwith Dr., Battle Creek
Herman, Louis (A).....VA Hospital, Battle Creek
Hibbs, Donald K.....623 Post Bldg., Battle Creek
Holtom, Benj. G.....815 Security Tower, Battle Creek
Hubly, James W.....25 W. Michigan Ave., Battle Creek
Humphrey, Archie E.....864 E. Michigan St., Marshall
Humphrey, Arthur A.....175 College St., Battle Creek
Humphrey, Herbert E.....122 N. Madison St., Marshall
Jeffrey, James R. (L).....179 N. Washington Ave., Battle Creek
Jones, Ernest F. (A).....VA Hospital, Battle Creek
Jones, Tyre K.....118 W. Green, Marshall
Kavanagh, Thomas W.....513 Mich. Natl. Bk. Bldg., Battle Creek
Keagle, Leland R. (A).....196 North Ave., Battle Creek
Keeler, Kenneth B. (R)....Commercial Bk. Bldg., Albion
Kelleher, Geo. T.....235 North Ave., Battle Creek
Kimball, Arthur S., Jr.....1150 E. Michigan, Battle Creek
Kinde, Matthew R.....250 Champion, Battle Creek
Kingsley, Paul C.....191 College, Battle Creek
Klopp, Edward J.....173 College, Battle Creek
Knode, Robert.....407 Mich. Nat'l. Bank, Battle Creek
LaFrance, N. F. (A).....VA Hospital, Fort Custer
Lam, Francis L.....408 Capital Ave. S.W., Battle Creek
Lancaster, Vance B.....231 North Ave., Battle Creek
Lentz, Carlisle S. (A).....27 Orchard Place, Battle Creek
Levine, S. L. (A).....VA Hospital, Battle Creek
Levy, Jos., Jr.....231 North Ave., Battle Creek
Lewis, Welcome B. (L).....196 Irving Park Drive, Battle Creek
Long, Walter B.....Homer
Lowe, Kenneth H.....231 North Ave., Battle Creek
Lowe, Stanley T.....231 North Ave., Battle Creek
Lund, C. A. E.....96 E. Jackson Street, Battle Creek
Lynk, Stanley M. (A).....4589 Lippincott, Lapeer
Marino, Salvatore G. (A).....VA Hospital, Lebanon
McCuaig, Alfred G.....719 Capitol St. S.W., Battle Creek
Meister, Franklin O.....5450 El Jardin, Long Beach 15, Calif.
Melges, Fredk. J.....25 W. Michigan Ave., Battle Creek
Mitton, Orland W. (R).....1408 Arizona N.E., Albuquerque, N. Mex.
Morrison, Donald B.....719 Capitol S.W., Battle Creek
Mullenmeister, H. F.....275 Capital, N.E., Battle Creek
Mustard, Russell L.....25 W. Michigan Ave., Battle Creek
Norgan, Anne F.....719 Capital Ave. S.W., Battle Creek
Orr, Eli H. (A).....VA Hospital, Battle Creek
Parkinson, Chas. E.....Leila Hospital, Battle Creek
Parsons, Richard C.....513 Mich. Nat. Bnk. Bldg., Battle Creek
Patrick, Gilbert T.....25 W. Michigan Ave., Battle Creek
Pearson, Donald J.....255 North Ave., Battle Creek
Pier, Clarence T. (A).....VA Hospital, Battle Creek
Powell, C. E.....37 Capital Ave. N.E., Battle Creek
Power, John R.....140 Capital Ave. N.E., Battle Creek
Reizner, Bernard Z.....Sheldon Memorial Hosp., Albion
Robbert, John.....191 College, Battle Creek
Rorich, Wilma C. W.....166 N.E. Capitol, Battle Creek
Rowan, Russell C.....205 S. Superior St., Albion
Royer, Clark W.....1331 W. Michigan Ave., Battle Creek
Ryan, Chas. J.....Leila Hosp., Battle Creek
Sharp, Ara D. (R).....502 Irwin Ave., Albion
Shellenberger, H. M.....Box 168, Marshall
Shipp, Leland P.....25 W. Michigan Ave., Battle Creek
Sibilsky, A. Clark (A).....Veterans Administration, Battle Creek
Simpson, Robt. S.....700 Capital Ave. S.W., Battle Creek
Slagle, Geo. W.....203 Capital Ave., N.E., Battle Creek
Sleight, James D.....25 W. Michigan Ave., Battle Creek
Smith, Dunbar W.....138 Oaklawn Ave., Battle Creek
Smith, Joseph S. (A).....VA Hospital, Battle Creek
Spencer, Collis M.....308 S. Superior St., Albion
Stadle, Wendall H. (R).....607 Jennings Landing Gougac Lake, Battle Creek
Stephenson, C. D.....140 Capital Ave. N.E., Battle Creek
Stiefel, Richard A.....25 W. Michigan Ave., Battle Creek
Strohmenger, Frank J.....400 S. Superior St., Albion
Taylor, Clifford B.....308 S. Superior St., Albion
Tazelaar, Myron A.....219 N. Madison St., Marshall
Vander Kamp, Harry (A).....VA Hospital, Battle Creek
Vander Voort, Wm. V. (L).....179 N. Washington Ave., Battle Creek
Van Sandt, M. M. (A)....Fed. Civil Defense, Battle Creek
Verity, Lloyd E.....1002 Security Tower, Battle Creek
Vetne, Gunnar.....298 W. Van Buren St., Battle Creek
Walker, Chas. S.....709 W. Van Buren St., Battle Creek
Walters, John F.....41 N. Washington, Battle Creek
Walters, Wm. D.....175 College St., Battle Creek
Way, Kenneth E. (A).....2996 Meadowbrook Blvd., Cleveland Hts., Ohio
Wemmer, Keith S.....1472 W. Michigan Ave., Battle Creek
Wencke, Carl G.....1009 Security Tower, Battle Creek
Winslow, Sherwood B.....25 W. Michigan, Battle Creek
Worgess, Duane R...165 Capital Ave., N.E., Battle Creek
Yannitelli, S. A.....1331 W. Michigan, Battle Creek
Zaplitny, R. B.....1704 Wolverine Fed. Tr., Battle Creek
Zaplitny, Sophia.....34 Ardmoor, Battle Creek
Zheutlin, Bertram.....50 Adams St., Battle Creek
Zindler, Geo. A.....1201 Security Bnk. Bldg., Battle Creek

CASS COUNTY MEDICAL SOCIETY (38)

Adams, Uriah M.....Marcellus
Clary, Rudolph I.....216 S. Front St., Dowagiac
Comstock, L. David, Jr.....216 S. Front, Dowagiac
Hickman, John K.....108 W. Division St., Dowagiac
Loupee, Geo. E.....110 W. Division St., Dowagiac
Loupee, Sherman L. (L)....110 W. Division St., Dowagiac
Nakas, Osvaldes.....R.R. 1, Cassopolis
Pierce, Frank L. (L).....142 S. Front Street, Dowagiac
Pierce, Kenneth C.....414 McPhil St., Dowagiac

CHIPPEWA-MACKINAC COUNTY MEDICAL SOCIETY (42)

Allott, Hugh R.....816 Ashmun St., Sault Ste. Marie
Bandy, Festus C. (R)....2431 Hamlin Lane, Sarasota, Fla.
Blair, H. Milton.....300 Court St., Sault Ste. Marie
Cantwell, Earl K.....300-306 Court St., Sault Ste. Marie
Clausen, Claire H.....300 Court St., Sault Ste. Marie
Duvall, Dorothy V.....520 Division, Sault Ste. Marie
Finlayson, Donald D.....301 E. Spruce St., Sault Ste. Marie
Futterer, LeRoy A. (A).....538 U.S. 10, Sanford
Gates, Irene.....Cedar Pointe, Mackinac Island

Goldberg, Abraham H.....310 Ashmun, Sault Ste. Marie
Hagele, Marie A.....126 Park Pl., Sault Ste. Marie
Hamel, Herbert E.....St. Ignace
Harrington, Harvey M. (L).....816 Ashmun St., Sault Ste. Marie
Howe, Donnell C., Jr.....300 Court St., Sault Ste. Marie
Howe, Gertrude E.....Box 273, Fish Creek, Wisconsin
Mackie, Thos. B.....300 Court St., Sault Ste. Marie
Mertaugh, Wm. F.....104 W. Spruce St., Sault Ste. Marie
Montgomery, Benj. T.....812 Ashmun St., Sault Ste. Marie
Rhind, Earl S.....Sault Polyclinic, Sault Ste. Marie
Solomon, Joseph A.....Mackinac Island
Thompson, Chas. F.....Drummond Island
Trapasso, Tony J.....816 Ashmun St., Sault Ste. Marie
Venier, Anton G.....816 Ashmun St., Sault Ste. Marie
Yale, Ira V. (L).....200 Ashmun St., Sault Ste. Marie

CLINTON COUNTY MEDICAL SOCIETY (46)

Bennett, Geo. W.....203 W. Main St., Elsie
Cook, Bruno C.....Westphalia
Elliott, Bruce R.....Box 369, Ovid
Fillinger, Wells B. (L).....Ovid
Foo, Chas. T. (L).....108 E. McConnell, St. Johns
Grost, James M.....110 Oakland Street, St. Johns
Henthorn, Arthur C. (L).....4611 N. U.S. 27, St. Johns
Luton, Frank E. (L).....Beaver Island, St. James
McWilliams, Wm. B.....Maple Rapids
Russell, Sherwood R.....104 N. Oakland, St. Johns
Scott, James S.....Dewitt
Sheline, Victor L.....Medical Center, Ithaca
Slagh, Earl M.....Elsie
Smith, Franklin W.....105 S. Ottawa, St. Johns
Stephenson, Wesley F.....510 Walker St., St. Johns
Stoller, Paul F.....St. Johns

DELTA-SCHOOLCRAFT COUNTY MEDICAL SOCIETY (50)

Anderson, Francis C.....218 S. 10th St., Escanaba
Benson, Gilbert W. (A).....Ludington St., Escanaba
Bernier, A. Barroso.....547 Michigan Ave., Manistique
Boyce, Donald H.....1107 Ludington St., Escanaba
Dehlin, James R.....8 S. 11th St., Gladstone
Fyvie, James H.....202 S. Cedar St., Manistique
Groos, Harold Q.....1015 S. 1st Ave., Escanaba
Groos, Louis P.....1015 S. 1st Ave., Escanaba
Hult, Otto S.....1005 Delta Ave., Gladstone
Jenke, Albert.....738 Lake Shore Dr., Escanaba
LeMire, Donald F.....1104 S. First Ave., Escanaba
LeMire, William A.....1106 First Ave. S., Escanaba
Lindquist, Norman L.....205 S. Tenth St., Escanaba
Maniaci, Geo.....8 South 11th St., Gladstone
McInerney, Thos. A.....1221 Ludington St., Escanaba
Miller, Albert H. (L).....904 Wisconsin, Gladstone
Nagy, Chas. J.....Bark River
Olson, Carl J.....8 S. 11th St., Gladstone
Ryde, Robt. E.....1221 Ludington, Escanaba
Waters, Duane L.....200 S. Cedar St., Manistique
Wehner, Merle E.....131 River St., Manistique
Whipple, Arno.....117 North 22nd St., Escanaba

DICKINSON-IRON COUNTY MEDICAL SOCIETY (54)

Addison, Earl R.....412 Superior Ave., Crystal Falls
Alexander, Wm. H.....411 East C St., Iron Mountain
Anderson, Donald T.....408 Hamilton Ave., Kingsford
Boyce, George H. (L).....First Natl Bank Bldg., Iron Mountain
Carlson, Ralph E.....500 Stephenson Ave., Iron Mountain
Cecconi, R. D.....Commercial Bank Bldg., Iron Mountain
Cooper, Chas. A.....Box 542, Stambaugh
Dittrich, Raymond J.....Commercial Bnk. Bldg., Iron Mountain
Gladstone, Wm. R., Jr.....804 Main St., Norway
Hayes, Willard N.....720 N. Main St., Norway
Huron, Willis H.....106 West B St., Iron Mountain
Irvine, Lionel E.....Box 438, Iron River
Klaus, Cyril D. (A).....208 E. Hugitt, Iron Mountain
Kofmehl, Wm. J.....Stambaugh
McEachran, Hugh D.....500 Stephenson Ave., Iron Mountain
Nora, James C.....15 Eighth Avenue, Iron River
Palm. E. Theodore.....412 Superior Ave., Crystal Falls
Retallack, Russell C.....326 W. Genesee St., Iron River
Schmutzler, Walter A.....373 Woodward St., Iron Mountain
Schroeder, John M.....Khoury Bldg., Iron Mountain
Smith, Donald R.....Box 471, Iron Mountain
Steinke, Chas. G.....517 Stephenson Ave., Iron Mountain

EATON COUNTY MEDICAL SOCIETY (58)

Arner, Fred L.....Bellevue
Berden, Eleanor A.....2630 Libbie Drive, Lansing 17
Brown, Byron P.....339 S. Cochran, Charlotte
Carothers, Danl. J.....315 S. Cochran, Charlotte
Cook, J. Maxwell.....144 S. Cochran St., Charlotte
DeLand, C. LeRoy.....Olivet
Engle, Paul H. (A).....Olivet
Garlock, Fred C.....406 E. Jefferson St., Grand Ledge
Hannah, Harry W.....R.F.D. 3, Charlotte
Harrod, Gordon R.....Grand Ledge
Imthun, Edgar F.....113 E. Jefferson, Grand Ledge
Landick, Robt. E., Jr.....111 S. Cochran St., Charlotte
Matthews, R. W.....236 S. Main Street, Charlotte
Meinke, Albert H., Jr.....702 S. Main, Eaton Rapids
Myers, Albert W.....Potterville
Riley, Jos. L.....201 S. Cochran St., Charlotte
Robinson, S. R.....1140 Willow St., Grand Ledge
Sevener, Lester G.....236 S. Main St., Charlotte
Sherman, Eber B.....210 Broad St., Eaton Rapids
Van Ark, Bert.....123 N. East St., Eaton Rapids
Van Ark, Herman F.....Eaton Rapids
Whitlock Stanley C.....Dimondale
Willits, Clayton O.....127 Upland, Charlotte

GENESEE COUNTY MEDICAL SOCIETY (62)

Adams, Burnell H.....609 S. Lynch St., Flint 3
Adams, Chester H.....1114 Beach St., Flint 3
Allard, Pierre Paul (A).....90 Main Street, Alymer, Quebec, Canada
Anderson, Harley H.....11280 N. Saginaw, Mt. Morris
Anderson, John L.....2765 Flushing Rd., Flint 4
Anderson, Robt. E.....3002 Mason St., Flint
Andrews, Nelson A. C.....310 E. Main St., Flushing
Anthony, Geo. E. R.....1015 Detroit St., Flint 4
Baird, W. Claire.....2765 Flushing Rd., Flint
Bald, Fredk. W.....503 S. Saginaw St., Flint 3
Barbour, David A.....17071 Marlowe Dr., Flint 4
Barbour, Fleming A.....2015 Lincoln Dr., Flint 3
Baske, Franklin W.....923 Maxine St., Flint 3
Batdorf, John W. (A).....1925 Park Forest Dr., Flint
Batdorf, Joseph T.....Goodrich Hospital, Goodrich
Bateman, Lawrence G.....1928 Lewis St., Flint 6
Beck, Douglass R.....1450 Country View Ln., Flint 7
Becker, Eugene B.....2765 Flushing Rd., Flint 4
Benkert, Jack.....6211 Lake Forest Dr., Grand Blanc
Benson, John C., Jr.....402 W. 2nd St., Flint 3
Bentley, Robert H. (A).....314 W. Paterson, Flint 3
Berman, Harry.....3309 Fenton Rd., Flint 7
Bernstein, Eli N.....108 E. Kearsley St., Flint 3,
Best, J. A.....3801 Clio Road, Flint 4
Beyer, Geo. D.....145 W. Vienna St., Clio
Bishop, Don L.....2226 Detroit St., Flint 5
Blain, Claude (A).....125 N. Marlborough, Cornwall, Ontario 9, Canada
Bogart, Leon M. (L).....503 National Bldg., Flint
Boles, Wm. P.....714 Beach St., Flint 3
Bradley, Robt. M.....1112 Mott Fnd. Bldg., Flint 2
Brain, Roy G.....460 S. Saginaw St., Flint 3
Branch, Hira E.....1014 Woodside Dr., Flint 3
Brasie, Donald R.....310 Josephine St., Flint 4
Briggs, Guy D. (L).....224 E. Court St., Flint 3
Brown, Clarence A.....3805 Greenbrook Lane, Flint 7
Bruce, Wm. W. (A)..Jackson Memorial Hosp, Miami, Fla.
Bryant, Donald R.....621 Mott Fdn. Bldg., Flint
Buchanan, Gerald S.....211 S. Saginaw St., Holly
Buchanan, Wm. F.....238 W. Caroline, Fenton
Burkett, Leslie V.....202 County Office Bldg., Flint 3
Campbell, Wm. R. (A).....1006 Prospect St., Flint
Caster, Elisha W. (L).....19354 James Couzens Hwy., Detroit 35
Chambers, Myrton S.....3402 Westwood Pkwy., Flint 3
Chase, Wm. D.....1318 N. Ballenger Hwy., Flint 4
Clark, Clifford P. (L).....11111 S.W. 62nd Ave., Miami 43, Fla.
Clark, Robt. L.....1301 Flushing Rd., Flint 4
Collins, James I.....G 1128 N Dye Road, Flint
Colwell, Clifford W.....328 S. Saginaw St., Flint 3
Conover, Geo. V.....207 Genesee Bank Bldg., Flint 2
Conover, McClellan B.....724 East Street, Flint 3
Conover, Thaddeus S.....724 East St., Flint 3
Cook, Henry (L).....709 Genesee Bank Bldg., Flint 2
Coriasso, Louis B.....614 Odette, Flint 4
Covert, Floyd L. (L).....116 Lord St., Gaines
Cox, J. Bruce (A).....432 Grenfell Ave., Montreal, Canada
Coyne, K. M.....2765 Flushing Rd., Flint
Craig, William G.....3026 Beecher Rd., Flint
Credille, Barney A.....346 S. Saginaw St., Flint 3
Cross, Robert L. (A).....401 S. Ballenger Rd., Flint
Curry, Geo. J.....346 Saginaw St., Flint 3
Curtin, John H.....1300 N. Dort Hwy., Flint 2
Cutler, G. Campbell.....2415 Detroit St., Flint
Davis, Robt. C.....G 3029 Flushing Rd., Flint 4
Dawson, Ralph E.....111 Med. Arts Bldg., Flint 4
Day, John Murray.....2765 Flushing Rd., Flint 4
Delzingro, Nicholas.....328 Main St., Davison
Dettman, Carlton K.....Nanita Dr., Montrose
Dickstein, Bernard.....460 S. Saginaw St., Flint 3
Dimond, Edwin G. (L).....346 S. Saginaw St., Flint 3
Dodds, Fredk. E.....1336 Lewis St., Flint 6
Dodds, Max E.....460-464 S. Saginaw St., Flint 3
Dooley, James F.....2019 Gold Avenue, Flint
Dorsey, Philip W.....2765 Flushing Rd., Flint 4
Drewyer, Glenn E.....5327 W. Reid St., Swartz Creek
Drouin, J. E. (A).....P.O. Box 940 Buckingham, Quebec, Can.
Dykewicz, Richard A.....2765 Flushing Rd., Flint 4
Eaton, Wayne L.....2765 Flushing Rd., Flint
Eichhorn, Ernest M.....2765 Flushing Rd., Flint 4
Eickhorst, Thos. N.....1604 Mott Fdn. Bldg., Flint 2
Elliott, Hardie B., Jr.....503 S. Saginaw St., Flint 3
Engelman, Raymond M.....112 Medical Arts Bldg., Flint 4
Ettinger, Ralph D.....111 Walnut St., Fenton
Fan, Q. C.....2002 E. Court St., Flint
Farah, Ben S.....2765 Flushing Rd., Flint 4
Farhat, Maynard M.....505 W. Court St., Flint
Fee, Manson G.....108 E. Kearsley St., Flint 3
Ferris, James W.....426 N. State St., Davison
Finkelstein, Theo.....1415 Broadway Blvd., Flint 6
Forrer, Graydon R.....307 E. Court St., Flint 3
Fuller, Harvey T.....820 Genesee St., Mt. Morris
Gelenger, Stephen M.....2125 Detroit St., Flint 5
Goering, George R. (L).....519 Dryden Bldg., Flint
Goetz, Margarete M. (A).....420 Genesee Bank Bldg. Flint
Goetz, Rudolph.....1221 Church St., Flint
Golden, Evelyn.....218 E. Court St., Flint
Golden, H. Maxwell.....218 E. Court St., Flint 3
Goodfellow, Benj. T. (L).....506 Page St., Flint 5
Gorne, Saul S.....619 Clifford St., Flint 3
Gould, David (A).....461 P. Renwood, Euclid 23, Ohio
Grady, Donald R.....1515 Woodslee Dr., Flint 3
Griffin, Ernest P., Jr.....1505 Arrow Lane, Flint 7
Grover, Harold F.....601 S. Saginaw St., Flint 3
Gumpper, C. R.....4430 Morrish Rd., Swartz Creek
Gundry, Geo. L.....Grand Blanc
Gutow, Isadore H.....2765 Flushing Rd., Flint 4
Gutow, Julius J.....726 Church Street, Flint
Guyon, Jos. F.....302 W. Pierson Rd., Flint 5
Guyon, Mary A. W.....302 W. Pierson Rd., Flint 5
Hackley, Richard D.....3942 Western Rd., Flint
Hague, Robt. F.....210 E. Court St., Flint 3
Hallitt, John A.....366 Bradley, Flint
Hamady, Ruth B.....228 Welch Blvd., Flint
Hanley, William J. (A)..Ridge Crest Dr., Beaver Dam, Ky.
Harper, Robt. H.....703 Thomson St., Flint 3
Harris, Bernard J.....4021 Greenbrook, Flint
Hauser, Fredk. V.....1015 Mott Fndn. Bldg., Flint 2
Hawkins, James E.....4618 Roberts St., Flint
Heinemann, Herman H.....1809 Greenbriar Lane, Flint 7
Hennessy, Charles R.....517 Mott Fndn. Bldg., Flint
Herrington, K. B. (A)....5274 Durwood Drive, Swartz Creek
Hiscock, Harold H.....503 S. Saginaw St., Flint 3
Hockman, Thomas A.....1513 Winona, Flint
Hodges, Frank V.....Hurley Hospital, Flint 2
Hoffman, John Wm. (A).....1505 Bent Drive, Flint
Homeister, E. A.....18721 Koester, Riverview
House, Robert J.....3133 Mackin Rd., Flint
Hubbard, Wm. B.....1205 Maxine St., Flint 3
Hufton, Wilfrid L.....2765 Flushing Rd., Flint 4
Hurd, Clayton E.....300 Roberts St., Fenton
Irish, Lawrence R.....348 Sheffield Street, Flint
Iung, Omero S. (A).....2018 Castle Lane, Flint
Jaarsma, Raymond A.....Flint Med. Arts Bldg., Flint 4
James, Robt. E.....3001 S. Saginaw St., Flint
Johnson, A. H., Jr.....3219 North St., Flint 5
Johnson, Frank D.....653 S. Saginaw, Flint 3
Johnson, Raymond E.....5173 W. Reid Rd., Swartz Creek
Judd, Alvin E.....2315 Davison Rd., Flint 6
Kaufman, Lewis D.....4002 N. Saginaw St., Flint 5
Kimbrough, C. B.....1402 S. Saginaw St., Flint 3

Kitto, Harold J.....902 Stockdale, Flint
Kline, O. F.....2765 Flushing Rd., Flint 4
Knapp, Wm. D.....503 S. Saginaw St., Flint 3
Knights, Edwin M., Jr.....Hurley Hosp., Flint
Koop, Chester S.....2503 Detroit St., Flint 5
Kretchmar, Arthur H.....460 S. Saginaw, Flint 10
Kurtz, John J. (L).....601 S. Saginaw St., Flint 3
Laird, James I.....10114 Main St., Goodrich
Larose, Claude (A).....McLaren Gen. Hosp., Flint 2
Leber, Stanley M. (A)....2605 Century, Houston 5, Texas
Leach, J. Leonidas.....3007 Industrial Ave., Flint
Le Mieux, Leslie L.....701 W. Dayton St., Flint 4
Lewis, Thos. E.....3520 Richfield Rd., Flint 6
Lightfoot, Arthur S.....101½ E. Flint Pk. Blvd., Flint
Limbach, David R.....900 Begole St., Flint 2
Lindman, Thomas C.....508 Fremont St., Flint
Livesay, Jackson E.....503 S. Saginaw, Flint 3
Longfield, Gordon M. (A).....1918 Castle Lane, Flint
Lundeen, Richard M.....3046 Canterbury Lane, Flint
Lusk, John A.....10114 Hegel Road, Goodrich
Lyttle, Sydney N.....503 S. Saginaw St., Flint 3
MacGregor, Delbert M.....701 W. Dayton St., Flint 4
MacKenzie, J. W., Jr.....5397 Miller Road, Swartz Creek
Macksood, Jos. A.....2501 N. Saginaw St., Flint 5
Mangelsdorf, C. H.....4122 Brownsell, Flint
Manwaring, John T.....565 Welch Blvd., Flint 3
Markunas, Paul J.....4002 N. Saginaw St., Flint
Martin, James A.....822 S. Leroy, Fenton
Mason, Donald V. (A).....Hurley Hospital, Flint
Mathias, Berton J.....1301 Flushing Rd., Flint 4
Matthews, W. N. (A).....1220 Welton St., London, Ontario, Canada
McAlindon, J. D.....1612 Seminole St., Flint
McClellan, Junius W.....Buick Motor Division, Flint 7
McGarry, Burton G. (L).....Burns St., Howell
McGarry, Roy A. (L).....601 S. Saginaw St., Flint 3
McKenna, Oscar W. (L).....520 E. Third St., Flint 3
McLeod, Kenneth W. A.....2765 Flushing Road, Flint 4
McMurray, Richard J.....2765 Flushing Rd., Flint
McTaggart, David.....312 Patterson Bldg., Flint
Mendrek, H. H.....1634 Mott Fndt. Bldg., Flint 2
Merchun, Frank A. (A).....916 W. 8th Ave., Flint
Michael, Sidney R.....907 Welch Blvd., Flint 4
Michels, Robt. M.....409 McKinley Rd., Flushing
Michelson, Richard B.....5001 N. Saginaw St., Flint
Miller, Edwin E. (L).....5903 48 Street N.E., St. Petersburg, Fla.
Miller, Loren E.....2645 Corunna Rd., Flint 3
Miltich, Anthony J.....915 S. Grand Traverse, Flint 3
Moore, Glenn E.....323 W. Second, Flint 3
Moore, Wesley P.....802 Tilden, Flint 5
Morrison, Wm. H.....205 Perry Rd., Grand Blanc
Morrissey, Vaughn H.....101 Stockdale St., Flint 4
Mosier, Edward C.....115 Lake St., Otisville
Murphy, E. Grant.....1825 Chelsea Circle, Flint 3
Murphy, Thomas W. (A).....631 E. Davenport St., Iowa City, Iowa
Neiswander, Paul L.....Fisher Body Div. GMC, Grand Blanc
Nicholls, Wm. W.....1301 Flushing Rd., Flint 4
Nitz, Donald A.....3337 W. Vienna Road, Clio
Odle, Ira D. (L).....201 Welch Blvd., Flint 4
O'Meara, Bernard B. (A).....1374 Boseline Rd., Ottawa, Ontario, Canada
Orr, John W. (L).....Orrs Pt. Lk. Fenton, Fenton
Osher, Seymour L.....2113 E. Second St., Flint 3
Parliament, Burt A.....314 Ferndale Pl., Flint 3
Paul, Joseph E.....1650 Miller Rd., Flint 3
Pfeifer, Archibald C. (L).....12205 N. Saginaw, Mt. Morris
Phelps, Lynn A.....Goodrich Genl. Hosp., Goodrich
Phillips, Robt. L. (L).....Bay View Pkwy., Nokomis, Fla.
Pickering, Woodrow H.....1602 Ballenger Hwy., Flint 4
Pike, Wallace W.....7514 Miller Rd., Swartz Creek
Polich, John J.....1010 W. Pasadena, Flint
Portney, Jack E.....428 Stevens St., Flint 3
Pratz, Oliver C.....1303 Detroit St., Flint 4
Preston, Otto J.....300 N. Chevrolet Ave., Flint 2
Prior, Richard W.....707 Park St., Fenton
Purcell, F. L.....Ternstedt Plant, Flint 5
Quin, John, Jr. .....2765 Flushing Rd., Flint 4
Ragan, Russell M.....McLaren Gen. Hosp., Flint
Rapport, Richard L.....503 S. Saginaw, Flint 3
Rathburn, Robert J. (A).....1501 Flushing Rd., Flint 4
Rawling, John C.....115 Med. Arts Bldg., Flint 4
Rawlings, J. Mott.....1601 Neome Dr., Flint 3
Reed, James E. (A).....Apt. 28, 1226 Vincent, Flint
Reid, John H.....627 Campbell St., Flint
Rice, Alan K. (A).....7610 Kipling Ave., Flint 6
Rieth, Geo. F.....1406 Davison St., Flint 6
Roberts, Floyd A. (L).....428 Thompson St., Flint
Rowe, John B.....653 Saginaw St., Flint 3
Rulney, Max.....2765 Flushing Road, Flint 4
Rundles, Walter Z., Jr.....500 Grand Traverse St., Flint 3
Rundles, Walter Z.....500 Grand Traverse St., Flint 3
Sandberg, Russell G.....2030 Pierce St., Flint 3
Sandy, Kenneth R.....2701 Detroit St., Flint 5
Scavarda, Chas. J.....2101 E. Court St., Flint 3
Schiff, Benton A.....323 W. 2nd St., Flint 3
Schmidlin, Robt. W.....3710 Davison Rd., Flint 6
Schreiber, E. Oskar.....2765 Flushing Road, Flint 4
Schroeder, Paul E.....907 Welch Blvd., Flint 4
Schultz, J. Stanley.....3327 Fleming Rd., Flint 4
Schwartz, John M.....4300 S. Saginaw St., Flint 2
Schwarz, Heinz H.....1430 Eldorado, Flint
Scott, Robt. D. (L).....1215 Detroit St., Flint 4
Seven, Phillip G.....2301 Cummings, Flint
Seymour, Geo. D.....Professional Bldg., Clio
Shantz, Leighton O.....2026 Calumet St., Flint 3
Sheeran, Danl. H.....346 S. Saginaw St., Flint 3
Sherwood, Frederick.....610 Mott Foundation Bldg., Flint
Shipman, Chas. W.....325 E. 1st St., Flint 3
Simoni, Lewis E.....3210 S. Dort Hghwy., Flint 7
Sirna, Anthony R.....2709 Thomas St., Flint 4
Smith, Eugene C.....503 S. Saginaw St., Flint 3
Smith, Harold O.....1952 Miller Rd., Flint 3
Smith, Maurice J.....2801 N. Saginaw St., Flint 5
Sniderman, Benj. F.....727 Beach St., Flint 3
Snyder, Chas. E.....Swartz Creek
Sorkin, Morris L.....718 Beach St., Flint 2
Sorkin, Saml. S.....718 Beach St., Flint 2
Sparks, Harvey V.....2765 Flushing Rd., Flint 4
Steffe, Ralph S.....2765 Flushing Rd., Flint 4
Steinman, Floyd H.....503 S. Saginaw St., Flint 2
Stevens, Philip K.....1626 S. Saginaw, Flint 3
Stevenson, B. M., Jr. (A).....1010 W. 6th Ave., Flint
Stevenson, Wm. W. (L).....108 E. Kearsley St., Flint 3
Streat, Rudolph W.....218 E. 8th St., Flint 3
Stroup, Clayton K.....2002 E. Court St., Flint 3
Sullivan, M. R.....1510 Forest Hill, Flint
Sutherland, James K.....402 E. 3rd St., Flint 3
Sutton, Geo. D. (L).....303 W. Court St., Flint 3
Tauscher, John W. (A).....809 Patrick Street, Flint
Theuerle, Walter I.....3101 N. Saginaw St., Flint 5
Thompson, Charles A.....4034 Donnelly, Flint 4
Thompson, Jack W.....2702 Flushing Rd., Flint 4
Thorburn, Grant (L).....1602 W. Genesee St., Flint 4
Tofteland, Elmer H.....2765 Flushing Rd., Flint 4
Tower, Rita B.....702 Ballinger Rd., Flint 7
Trewin, Merle L. (A).....2725 Fielding, Flint 3
Turcke, Allen F.....5717 Maria, Flint 5
Turner, Merald G.....601 S. Saginaw St., Flint 2
Tuuri, Arthur L.....Mott Children Clinic, Flint
Van Alst, Dennis E. (A).....2408 Missouri Ave., Flint
Van Harn, Raymond S.....1651 Detroit St., Flint 5
Varney, Howard L.....1415 Broadway, Flint 6
Vaughan, Edgar J.....Linden
Wade, Franklin V.....1303 Mott Fndt. Bldg., Flint 2
Walcott, Carver G.....201 E. Carolina St., Fenton
Ward, Nell M. (L).....503 S. Saginaw St., Flint 3
Ware, Frank A.....2765 Flushing Rd., Flint 4
Wark, David R.....1315 Detroit St., Flint 4
Weber, Robt. M.....3710 Davison Rd., Flint 6
Webster, Robt. M.....Hurley Hosp., Flint
Wentworth, John E.....1651 Chevrolet Ave. N., Flint 4
Weresh, John D. (M).....409 Crombie, Atlantic, Iowa

Werness, Inga W. (L).....205 Paterson Bldg., Flint
Wheeler, J. D.....2470 Nolen, Flint
White, Carl H.....106 River St., Fenton
White, Herbert T. (L).....1620 Mason St., Flint
White, Frank T.....227 Juniper Drive, Davison
Willard, Robt. H.....718 Beach St., Flint 3
Williams, T. Wendell.....5003 N. Saginaw, Flint
Williams, Wm. S.....G 3398 S. Saginaw St., Flint 7
Willis, Robert E.....5003 N. Saginaw, Flint
Willoughby, L. L. (L).....1127 S. Water St., Marine City
Wills, Thos. N.....Chicaugoan Lake, Crystal Falls
Winchester, Walter H. (L).....515 Genesee Bank Bldg., Flint
Wolcott, Nan D.....7506 Lapeer Rd., Davison
Woughter, Harold W.....503 S. Saginaw St., Flint 3
Wright, Donald R.....326 W. Court St., Flint
Wynia, Robert E. (A).....910 Cottage Grove Ave., Flint
Young, Charles R. (A).....816 Frazier, Topeka, Kansas
Zeis, Myron G.....718 Beach St., Flint 2

GOGEBIC COUNTY MEDICAL SOCIETY (66)

Albert, Saml. G.....103 Suffolk St., Ironwood
Benetti, Arthur F.....3211 Lindla Vista, Des Moines, Ia.
Davidson, Donald L.....200 S. Sophie St., Bessemer
Franck, John R., Jr.....401 Sunday Lake, Wakefield
Gertz, Michael A.....109 E. Aurora St., Ironwood
Gingrich, Wayne A.....109 E. Aurora St., Ironwood
Gorilla, Allen C.....210 Suffolk St., Ironwood
Harrington, Rex R., Jr.....104 E. Ridge St., Ironwood
Keskey, Theodore J.....205 West Coolidge, Ironwood
Lieberthal, M. J.....P.O. Box 632, Ironwood
Lieberthal, Paul R.....Box 632, Ironwood
Medford, Lester .....306 Sunday Lake, Wakefield
Murphy, Percy J.....Seaman Bldg., Ironwood
Santini, Florian J.....109 E. Aurora St., Ironwood
Wacek, William H.....809 Sunset Road, Ironwood

GRAND TRAVERSE-LEELANAU-BENZIE COUNTY MEDICAL SOCIETY (70)

Beall, John G.....118 E. Front, Traverse City
Behan, Gerald W.....Box C, Traverse City
Benjamin, Mac B.....Traverse City St. Hosp., Traverse City
Bolan, Ellis J.....Suttons Bay
Brownson, Kneale M.....116 Cass St., Traverse City
Brunk, Clifford F.....Rt. 1, Box 279, Traverse City
Bushong, Benj. B.....116 Cass St., Traverse City
Cajigas, Tomas R.....J. D. Munson Hospital, Traverse City
Campbell, Thomas D.....Box C, Traverse City
Christie, Joseph.....Northport
Cline, Theodore N.....436 W. Front St., Traverse City
Cline, Warren W.....436 W. Front, Traverse City
Curran, Cyril J.....Box C, Traverse City
Dundon, Arthur F.....Box C, Traverse City
Edmonds, W. T.....Munson Hosp., Traverse City
Ellis, Claude I.....Suttons Bay
Ferguson, John T.....Box C, Traverse City
Fishbeck, Wm. A.....1021 E. Eighth, Traverse City
Goodrich, Dwight (R).....601 W. Front St., Traverse City
Haberlein, Chas. R.....1100 Sixth St., Traverse City
Hall, James W.....1100 Sixth St., Traverse City
Hamilton, Earl E.....530 S. Union St., Traverse City
Herkner, Mildred L.....119 Barlow St., Traverse City
Hubacker, Allan S.....112 Second St., Frankfort
Hubbell, Reader J.....228 S. Madison, Traverse City
Huene, Nevin.....110 E. Front St., Traverse City
Huston, R. R.....Elk Rapids
Jerome, Jerome T.....217 S. Madison St., Traverse City
Kamp, Robt. L.....Beulah
Kitti, Wm. W.....Kalkaska
Lemen, Charles E.....110 S. Madison, Traverse City
Lieding, Keith G.....7844 Peninsula Dr., Traverse City
Lossman, Robt. T.....J. Decker Munson Hosp., Traverse City
Magill, Arthur L.....Box C, Traverse City
McClay, Adam C.....215 S. Madison, Traverse City
Michael, Stanley L.....Box 518, Elk Rapids
Milliken, John G.....224 Circle Dr., Traverse City
Nickels, Mervyn M.....Box C, Traverse City
Norconk, Alonzo A.....Empire
Osterhagen, Harold F.....12818 S. Manitou Trail, Traverse City
Otto, Donald.....Munson Hosp., Traverse City
Peterson, Wm. D.....124 Cochlin Street, Traverse City
Pike, Donald G.....876 E. Front St., Traverse City
Power, Frank H.....116 Cass St., Traverse City
Ramzy, Carl O., Jr.....Box C, Traverse City
Randazzo, Salvatore.....Box C, Traverse City
Salon, Dayton D.....108 E. Front St., Traverse City
Schroeder, Dwight M.....Northport
Scott, John E.....536 Washington St., Traverse City
Sheffer, Marcus B. (A).....228 West St., Brighton
Sladek, Edward F.....123 E. Front St., Traverse City
Sommerness, M. Duane.....Box C, Traverse City
Sorum, F. T.....Box C, Traverse City
Spencer, John R.....1124 E. Front, Traverse City
Steele, Wm.....210 S. Monroe, Traverse City
Steffey, Jos. C.....116 Cass Street, Traverse City
Stokes, G. Edward.....1100 Sixth St., Traverse City
Swartz, Fred G.....612 Sixth St., Traverse City
Sweeney, Bernard J.....1100 Sixth St., Traverse City
Thacker, Fredk. R.....Front St., Frankfort
Thirlby, Edwin L. (L).....116 Cass St., Traverse City
Thirlby, Richard L.....228 S. Madison, Traverse City
Trautman, Fredk. D.....Frankfort
Wagener, Creighton A.....1100 Sixth St., Traverse City
Weih, Jack E.....118 E. Front St., Traverse City
Weitz, Harry L.....Munson Hosp., Traverse City
Wilcox, Paul H.....333 Sixth St., Traverse City
Wiley, Philip K.....116 Cass St., Traverse City
Wright, J. K., Jr.....Anderson Bldg., Traverse City
Young, John Roger.....Box C, Traverse City
Zielke, Irwin H.....212 E. Front St., Traverse City
Zimmerman, Jos. G.....102 W. Front St., Traverse City

GRATIOT-ISABELLA-CLARE COUNTY MEDICAL SOCIETY (74)

Aldrich, Alfred L.....Ithaca
Barstow, Donald K.....215 W. Saginaw, St. Louis
Becker, Myron G.....Edmore
Bedo, Andrew V.....802 Gordon, Mt. Pleasant
Bergin, Jos. H.....112 E. Superior, Alma
Brenner, E. J.....610 S. College, Mt. Pleasant
Budge, Melvin J.....1035 Jefferson, Ithaca
Burt, Clarence E.....110 S. Pine River, Ithaca
Burt, Loren G.....510 Prospect St., Alma
Chamberlain, Ray W.....608 E. Chippewa, Mt. Pleasant

Chamichian, Souren L.....117 S. College, Mt. Pleasant
Davis, Lionel L.....314 S. Brown St., Mt. Pleasant
Drake, Wilkie M. (L).....Breckenridge
Dunlop, Donald.....301 East Fourth St., Clare
Gervin, Irfan S.....231 East End St., Alma
Graham, Bernard J.....510 Prospect Ave., Alma
Haddad, T. E.....207 N. Franklin St., Mt. Pleasant
Hall, Robt. F.....805 Douglas St., Mt. Pleasant
Hammerberg, Kuno.....622 McEwan, Clare
Harrigan, Wm. L.....412 E. Broadway, Mt. Pleasant
Hedges, Frank W.....Post Office, Edmore
Hersee, Wm. E.....306 S. College, Mt. Pleasant
Hobbs, A. Deane.....120 N. Center St., St. Louis
Hoogerland, C. L.....236 N. State St., Alma
Hyslop, Leland F.....205 S. College Ave., Mt. Pleasant
Johnson, Frank D.....412 E. Broadway St., Mt. Pleasant
Johnson, Philip R.....206 S. College Ave., Mt. Pleasant
Juhnke, LeRoy W.....314 S. Brown St., Mt. Pleasant
Kilborn, Herbert F.....Mich. Masonic Home, Alma
Linn, Michael R.....215 W. Saginaw Ave., St. Louis
Lusis, Alexsandrs....State Home Trng. Sch., Mt. Pleasant
McArthur, Stewart C.....104 W. 6th St., Clare
McCoy, F. E.....611 S. Kinney St., Mt. Pleasant
Meyer, Edwin G.....510 Prospect, Alma
Oldham, Earle S.....Breckenridge
Pease, H. B.....Health Unit, CMU, Mt. Pleasant
Putzig, L. W.....Blanchard
Ratzlaff, Alvin J.....P.O. Box 218, Onsted
Ringer, Paul H., Jr.....314 S. Brown St., Mt. Pleasant
Rottschaefer, John L.....715 Center St., Alma
Sanders, J. F.....Mich. Masonic Home, Alma
Silvert, Pasche P.....Vestaburg
Veldhuis, Andrew H.....417 S. College St., Mt. Pleasant
Von Lackum, L. F.....535 Prospect Blvd., Waterloo, Iowa
Waggoner, Richard L.....120 N. Center St., St. Louis
Wallman, C. Harry.....901 State St., Alma
Wickert, Leo R.....1001 Watson Rd., Mt. Pleasant
Wilcox, Rex A.....525 State St., Alma
Wilson, Earl C.....Harrison
Wolfe, Kenneth P.....510 Prospect Ave., Alma
Wood, Cornelius B.....207 N. Franklin St., Mt. Pleasant
Wood, John M.....815 E. Maple St., Mt. Pleasant

HILLSDALE COUNTY MEDICAL SOCIETY (78)

Bates, Morton P.....110 S. Manning, Hillsdale
Davis, Lloyd A.....Camden
Davis, William B.....40 E. Bacon, Hillsdale
Day, Luther W.....Grosvener Bnk. Bldg., Jonesville
Hanke, Geo. R. (L).....Osseo
Hodge, Chas. L.....Reading
Hughes, Henry F. (L).....Hillsdale P.O., Cambria
MacNeal, John A.....379 S. Broad, Hillsdale
Mattson, H. Frazyer.....32 S. Broad St., Hillsdale
Peterson, Carl A.....32 Broad St., Hillsdale
Reigle, Frederick C.....Litchfield
Sawyer, Walter W.....61 N. Howell St., Hillsdale
Stein, Arthur J.....144 Budlong St., Hillsdale
Strom, Arthur W.....32 S. Broad St., Hillsdale
Trapp, Donald G.....32 S. Broad St., Hillsdale
Wessels, Fredk. M.....379 S. Broad, Hillsdale
Wiggins, Ira W.....Jonesville

HOUGHTON-BARAGA-KEWEENAW COUNTY MEDICAL SOCIETY (82)

Aldrich, Addison B.....325 Harris Ave., Hancock
Aldrich, Leonard C.....301 Quincy St., Hancock
Bourland, Philip D. (L).....134 Calumet Ave., Calumet
Bourland, Lt. Col. P. E. M. (M).....Off. of Surg., 5th Army, Chicago 15, Ill.
Burke, John J. (L).....1001 Calumet St., Lake Linden
Hillmer, Raymond E. (L).....Painsdale
Hosking, Fredk. S.....320 Calumet St., Lake Linden
Janis, Anton J.....208 Quincy St., Hancock
Kirton, J. R. W. (L).....106 Sixth St., Calumet
Kolb, Fredk. E.....128 Calumet Ave., Calumet
LaBine, Alfred (L).....Masonic Bldg., Houghton
Larson, Forrest W. (A).....322 Shelden, Houghton
Lepisto, Victor E.....238 Quincy St., Hancock
Levin, Simon (L).....1209 College Ave., Houghton
Nolan, Lewis E.....108 Center St., Hancock
Potter, Earl C.....Baraga Co. Mem. Hosp., L'Anse
Repola, Kenneth L.....General Delivery, Laurium
Roche, Andrew M.....221 5th St., Calumet
Rowe, Kenneth E.....112 Pewabic St., Laurium
Sandell, Samuel T.....400 Cooper St., Hancock
Sloan, Paul S.....609 Sheldon Ave., Houghton
Smith, Chas. R. (R).....E. White St., Hancock
Stroube, John A.....522 W. Third, L'Anse
Wickliffe, John T. P.....219 Sixth Street, Calumet
Williams, Marshall S.....St. Joseph's Hospital, Hancock
Winkler, Henry J.....Box 461, L'Anse

HURON COUNTY MEDICAL SOCIETY (86)

Bash, Theodore L. (A).....2614 Kaibab Ave., Bakersfield, Calif.
Dixon, Ralph C.....Box 77, Pigeon
Elliott, Chas. S.....Pigeon
Gettel, Roy R.....Bad Axe
Herrington, Chas. I.....Bad Axe
Herrington, C. Clark.....117 S. Port Crescent, Bad Axe
Herrington, Willet J.....Bad Axe
Oakes, Chas. W., Jr.....Harbor Beach
Scheurer, Clare A.....Pigeon
Sorensen, Maurice G.....P.O. Box, Elkton
Steinhardt, Edward E.....Box 15, Elkton
Turner, Phillip R.....321 S. Fourth St., Harbor Beach
Wible, Chas. F., Jr.....Sebewaing
Willits, Robert A.....165 N. Main Street, Elkton

INGHAM COUNTY MEDICAL SOCIETY (90)

Agate, Geo. H .....Mich. Dept. of Hlth., Lansing 4
Aiken, Donald J.....Grandview & Grand River, Okemos
Alexander, Reuben G.....301 Seymour Ave., Lansing 15
Altland, J. K.....Route 3, Box 178, Lansing
Altman, Harold (A).....616 N. Walnut, Lansing
Asselin, David C.....914 Prudden Bldg., Lansing
Badgley, Waldo O.....M. O. Box 756, Lansing 6
Baker, Thos. C.....624 N. Capitol Ave., Lansing
Bassett, Robt. C.....603 S. Capitol Ave., Lansing
Bates, Richard.....2909 E. Grand River, Lansing
Bauer, Theodore I.....810 Mich. Nat. Tower, Lansing
Behen, Wm. C.....535 S. Capitol Ave., Lansing 33

Behney, Charles A.....Mich. Dept. of Health, Lansing
Bellinger, Ernest G. (L).....Masonic Home, Alma
Berens, Burdette M.....110 N. Rosemary St., Lansing 17
Berge, Richard E. (A).....722 Seneca Place, Madison, Wisc.
Bergeon, Milton C.....302 S. Steele St., Mason
Bevez, Frank L.....3209 S. Cambridge Rd., Lansing
Bingham, B. Wayne.....125 W. Saginaw, Lansing 15
Black, Chas. E.....112 W. Allegan, Lansing
Black, Gertrude C. K...529 W. Grand River, Williamston
Bleil, Eugene E.....408 N. Capitol Ave., Lansing
Bradford, Carl W.....301 Seymour, Lansing
Breakey, Robt. S. (R).....520 Westmorland, Lansing 15
Briggs, James.....1964 S. Cedar St., Holt
Brown, Fredk. W., Jr.....706 Britten Ave., Lansing 17
Brown, Joseph C.....790 E. Columbia, Mason
Brubaker, Earl W.....103 N. Washington Ave., Lansing 16
Bruegel, Oscar H. (L).....204 Birchwood Dr., Traverse City
Burhans, Robt. A.....810 Mich. Natl. Tower, Lansing
Cairns, Donald A.....136 W. Ash St., Mason
Calomeni, Anthony D.....309 Seymour Ave., Lansing 15
Carlson, Ralph G.....3526 W. Saginaw St., Lansing
Carr, Earl I.....1915 Moores River Dr., Lansing 10
Caruso, Joseph A.....2909 E. Grand River, Lansing
Casey, Byron L.....202 M.A.C., East Lansing
Chao, Yu Hua (A).....St. Lawrence Hosp., Lansing
Chaskes, Marian I. G.....226 S. Capitol Ave., Lansing 25
Cheney, Wm. D.....Sparrow Hosp. X-Ray, Lansing
Christian, Leo G.....108 E. St. Joseph St., Lansing 15
Cipparone, Joseph R.....St. Lawrence Hosp., Lansing
Clark, Gaius D.....Oldsmobile Div., GMC, Lansing
Clark, Wm. E. (A).....809 E. Ash Street, Mason
Clinton, Geo. R.....618 S. Jefferson St., Mason
Combs, Robt. G.....1023 E. Michigan Ave., Lansing 12
Comstock, Howard C.....2909 E. Grand River, Lansing 12
Cope, Henry E.....Mich. Dept. of Hlth., Lansing 4
Cordes, Jerome F.....2909 E. Grand River, Lansing
Corneliuson, G. B.....Mich. Dept. of Health, Lansing 15
Cowan, John A.....825 Touraine, East Lansing
Cummings, Geo. D.....Mich. Dept. of Hlth., Lansing 4
Dale, Edward C.....MSU Health Center, East Lansing
Darling, Lewis H.....115 W. Hillsdale St., Lansing 15
Dawe, C. D.....935 Rosewood, East Lansing
Dean, Carleton.....106 W. Allegan St., Lansing 8
DeVries, Corydon F.....320 Townsend St., Lansing 15
Dexter, Mary J.....229 E. Maple, Mason
Drolett, Alfred J. (L)....1018 Prudden Bldg., Lansing 16
Drolett, Donald J.....2909 E. Grand River, Lansing
Drolett, Lawrence A.....3526 W. Saginaw St., Lansing 17
Dunkel, John F.....Edw. W. Sparrow Hosp., Lansing
Dunn, Forest M.....301 Seymour Ave., Lansing 33
Ellis, Bertha W. (R).....Box 216, Port Blakely, Wash.
Ellis, C. Ward (L).....Box 216, Port Blakely, Wash.
Fenney, Kenneth J.....1908 Mich. Natl. Tower, Lansing 15
Ferrari, Fulvio (A).....St. Lawrence Hosp., Lansing
Feurig, James S.....321 Kensington, East Lansing
Finch, Russell L.....420 S. Walnut St., Lansing 33
Folkers, Leonard M.....234 Michigan Ave., East Lansing
Fortino, Silvio P.....2909 E. Grand River, Lansing
Fosget, Wilbur W.....210 E. Hillsdale St., Lansing 33
French, Horace L.....301 Seymour St., Lansing 15
Fryer, Douglas H.....Mich. Dept. of Hlth., Lansing 4
Garlinghouse, A. John, Jr.....408 N. Capitol Ave., Lansing 33
George, Harry C.....335 Seymour St., Lansing 33
Ghannam Rasem (A).....326 N. Ingalls, Ann Arbor
Goldner, Roy E.....1318 S. Washington Ave., Lansing 10
Govons, Sidney R.....408 N. Capitol Ave., Lansing 33
Grey, Anna B.....219 Oakland Dr., East Lansing
Kent, A. Edith Hall.....Box 1167, Lansing
Hames, R. E.....119 E. Grand River Ave., East Lansing
Hanna, Roger J.....2698 Heather Dr., East Lansing
Harris, Herbert W.....609 N. Washington Ave., Lansing 15
Harrison, Wm. H.....834 W. St. Joseph St., Lansing 15
Harrold, Jesse F.....326 W. Ionia, Lansing
Hart, Lloyd C.....119 W. Lenawee St., Lansing
Hatton, R. L.....1218 Theodore, Lansing
Hautau, Emily R.....308 Highland Ave. E., Lansing
Hayes, Robt. E.....1101 S. Washington, Lansing 10
Hayford, Wm. D.....1028 E. Saginaw St., Lansing
Heald, Gordon H.....714 Abbott Road, East Lansing
Heckert, Frank B.....1105 Bnk. of Lansing Bldg., Lansing 16
Heckert, Jos. K.....1105 Bnk. of Lansing Bldg., Lansing 16
Heerdt, Mark E.....810 W. Saginaw, Lansing
Henderson, Norman D.....826 Sunset Lane, East Lansing
Hermes, Edgar J.....604 W. Willow St., Lansing
Henry, R. A.....1515 W. Mt. Hope, Lansing 15
Heustis, Albert E.....410 Cowley, East Lansing
Himmelberger, R. J.....227 West St., Lansing 15
Hiscoe, D. Bonta.....2909 E. Grand River, Lansing
Hoffer, W. E.....331 Shepard Street, Lansing
Hogg, Raymond E.....2909 E. Grand River, Lansing
Holland, Chas. F.....810 W. Saginaw, Lansing
Horvath, Francis (A).....St. Lawrence Hosp., Lansing
Hoyt, John C.....4378 W. Delhi, Holt
Huggett, Clare C.....122 W. Gd. River Ave., Lansing
Hurth, M. S.....1717 Jerome St., Lansing
Imeson, Elizabeth W.....Edw. Sparrow Hosp., Lansing
Isbister, J. L.....Dept. Health, DeWitt Rd., Lansing
Jacob, S. Sprigg, III.....201 Ann St., East Lansing
Johnson, David B.....2909 E. Grand River, Lansing
Johnson, Henry T. (N)..P.O. Box 2289, Phoenix, Arizona
Johnson, Kenneth H.....1116 Mich. Nat. Tower, Lansing
Johnson, Reed P. (N)....139 S. 18 Ave., Maywood, Ill.
Johnson, Richard.....2909 E. Grand River, Lansing
Jones, Francis A., Jr.....2909 E. Grand River, Lansing
June, R. C.....209 N. Walnut, Lansing 33
Kahn David.....2909 E. Grand River, Lansing
Kalmbach, Roland E.....301 Seymour Ave., Lansing 15
Katlein, Stanley (M).....5122 S. Cedar, Lansing
Kellerman, Howard (A).....Sparrow Hosp., Lansing
Kelly, William.....Cass Bldg., Lansing
Kent, Herbert K.....M.O. Box 1167, Lansing 13
Kenyon, Fanny H.....624 LaSalle Blvd., Lansing 12
Klunzinger, W. R.....326 W. Ionia St., Lansing 33
Koyess, Michel (A).....St. Lawrence Hosp., Lansing
Kozak, Jerome S.....609 N. Washington Ave., Lansing
Kraft, L. C.....209 S. Main, Leslie
Lange, Philip F.....1923 S. Cedar St., Lansing 10
Lanting, Helen E. P.....600 Lesher Place, Lansing 15
Larson, Homer I.....1236 N. Downer Dr., Lansing
Lauzun, Virginia D.....309 W. Main St., Lansing 15
Le Duc, Don M.....317 W. St. Joseph, Lansing 15
Leeder, Fredk. S.....Mich. Dept. of Hlth., Lansing 4
Leshock, Jos. C.....2909 E. Grand River, Lansing
Letourneau, Roger A.....345 Haverhill, Lawrence, Mass.
Levett, Harry L.....2909 E. Grand Ave., Lansing
Lewis, Clayton, Jr.....2909 E. Grand River, Lansing
Linnell, Paul C.....4378 W. Delhi St., Holt
Long, Chas. O., Jr.....2909 E. Grand River, Lansing
Lopez, Jose (A).....St. Lawrence Hosp, Lansing
Loree, Maurice C.....120 W. Hillsdale St., Lansing 15
Loughrin, T. D.....335 Seymour, Lansing
Lucas, Thos. A.....426 W. Ottawa St., Lansing 15
Ludlum, Lewis C.....1126 W. Saginaw St., Lansing 15
Malcolm, Henry E.....401 W. Grand River, East Lansing
Martin, Wayne O.....4765 Nakoma Dr., Okemos
Marzolf, M. Finette.....300 W. Ottawa, Lansing 33
McConnell, Elmer G. (R).....212 Leslie St., Lansing
McCorvie, C. Ray.....903 E. Grand River Ave., East Lansing
McCorvie, Donald R.....129 E. Grand River, Williamston
McElmurry, Leland R.....209 N. Walnut St., Lansing 15
McGillicuddy, O. B.....1816 Mich. Natl. Tower, Lansing
McGillicuddy, R. J.....300 W. Ottawa St., Lansing 15
McIntyre, J. Earl (L).....600 S. Grand Ave., Lansing 33
McNamara, B. Edward.....326 Townsend St., Lansing 15
Meade, Wm. H.....535 Ardson Rd., East Lansing
Meinke, Richard K.....1023-25 E. Mich. Ave., Lansing
Melick, Richard C.....326 W. Ionia, Lansing 33

Menzies, Clifford G. (R).....734 Linden, East Lansing
Mercer, Walter E.....909 Glenhaven, East Lansing
Messenger, A. L.....215 N. Walnut St., Lansing
Miller, Jack (A).....Sparrow Hosp., Lansing
Miller, Willard J.....930 N. Washington, Lansing 12
Monfort, Robt. N.....MSU Health Center, East Lansing
Moore, Donald B.....3032 Vine Street, Lansing
Morrow, Robt. J.....412 N. Capitol, Lansing
Nadeau, John H. (M).....610 Tact Hosp., USAFE, APO 109, New York, N. Y.
Nafrawi, Adel G. (A).....Baylor Univ. Hosp., Dept. of Surgery, Dallas, Texas
Nakfoor, Eugene C.....2909 E. Grand River, Lansing
Neering, James C.....1210 W. Saginaw, Lansing 15
Neuman, John R.....3526 W. Saginaw, Lansing
Newitt, A. W.....221 W. Washtenaw, Lansing
Niland, Paul T.....1308 Old Hickory Lane, East Lansing
Nobel, Rudolf E.....607 S. Capitol, Lansing
Ochsner, Paul J.....Fisher Body Corp., Lansing 4
Packer, John H.....2909 E. Grand River, Lansing
Paine, Wm. G.....1028 E. Saginaw St., Lansing
Palmer, R. E. .....535 S. Capitol Ave., Lansing
Parker, Earl E.....207 E. Bellevue, Leslie
Peets, Ronald.....Gr. River & Grandview, Okemos
Philips, David P.....333 N. Chestnut, Lansing 15
Pinkham, Ray A. (R)....535 N. Capitol Ave., Lansing 33
Plesscher, Wm. H. (A)....659 Withington Ave., Ferndale
Pomeroy, Richard W.....609 N. Washington, Lansing 33
Ponton, Jos. C.....Box 230, Mason
Poppen, C. J.....118 W. Park, Haddonfield, N. J.
Prall, Harry J.....214 W. Main St., Lansing 33
Price, Leonard.....Student Hlth. Serv., MSU, E. Lansing
Pung, Elba Molina.....1512 E. Michigan, Lansing
Randall, O. M. (R)....7557 W. Saginaw, R.R. 1, Lansing
Rector, Frank L. (R).....2835 N.E. Brazee Court, Portland 12, Ore.
Reed, O. Grant.....4581 Arrowhead Rd., Okemos
Reid, Harold E.....809 Westlawn, East Lansing
Reynolds, Edward E.....Rt. 2, Box 1B, Williamston
Richards, Frank D.....1028 E. Saginaw St., Lansing
Richardson, Maurice L.....1215 E. Michigan Ave., Lansing 12
Robson, Edmund J.....215 N. Walnut St., Lansing 15
Roland, C. B. (M).....616 Air Control and Warning Sg., APO 35, New York, N. Y.
Rollstin, Robt. A. (M)....1014 Townsend St., Lansing 21
Rozan, Josef S.....2909 E. Grand River, Lansing
Ruhmkorff, Ralph H.....MSU Health Center, East Lansing
Rutledge, Saml. H., Jr.....110 W. Hillsdale St., Lansing 33
Saenz, Hugo R.....1515 W. Mt. Hope, Lansing
Sander, John F.....4780 Okemos Rd., Okemos
Saunders, M. R.....1021 Lilac, East Lansing
Scallin, J. F.....810 W. Saginaw, Lansing
Scheidt, R. Rudolph.....1133 Seymour Ave., Lansing
Schmidt, Harry J.....2909 E. Grand River, Lansing
Schultz, Arthur E.....4646 Ottawa Dr., Okemos
Seger, Fred L. (L).....1035 Cherry St. N.E., St. Petersburg 4, Fla.
Shapiro, Hyman D.....201 W. Hillsdale St., Lansing
Sharp, Mahlon S.....2909 E. Grand River, Lansing
Shaw, Milton.....320 Townsend St., Lansing 15
Sherman, Geo. A.....112 W. Hillsdale, Lansing 15
Sichler, Harper G.....301 Seymour Ave., Lansing 15
Siegel, David.....2909 E. Grand River, Lansing
Silverman, Irving E.....2909 E. Grand River, Lansing
Sircar, Amita Kumar (A).....Ingham Chest Hosp., Lansing
Sleight, Justin L.....2909 E. Grand River, Lansing
Smith, Anthony V.....116 W. Sycamore, Mason
Smookler, Bernard H.....2909 E. Grand River, Lansing
Snyder, Le Moyne.....P.O. Box 1125, Paradise, Calif.
Snyder, Ruth C. E.....234 W. Michigan Ave., East Lansing
Spagnuolo, Alfred J.....1418 S. Logan St., Lansing
Spalding, R. W.....Box 900, Lansing
Spencer, Perry C.....320 Townsend St., Lansing 15
Stanley, Arthur L.....2601 S. Washington Ave., Lansing
Stehman, Vernon A.....Lewis Cass Bldg., Lansing
Steiner, Abraham A. (R).....Route 3, Grand Ledge
Stephan, Winton E.....301 Seymour, Lansing
Stilwill, Geo. D.....2909 E. Grand River, Lansing
Stimson, Paul R.....515 S. Grand, Lansing
Stone, Benj. J.....2909 E. Grand River, Lansing
Stow, Robt. M.....2909 E. Grand River, Lansing
Strauss, Percival C.....3813 W. Willow, Lansing
Stringer, C. J.....401 W. Greenlawn Ave., Lansing 9
Sundell, Edwin C.....1028 E. Saginaw, Lansing
Swartz, Fredk. C.....720 Seymour Street, Lansing
Tamblyn, Fredk. W.....335 Seymour Ave., Lansing 33
Thaden, D. W.....208 MAC Avenue, East Lansing
Thimmig, Robt. F.....326 Townsend St., Lansing
Tien, Hsin Chen.....124 W. Grand River Ave., East Lansing
Toothaker, Kenneth W.....1609 W. Michigan, Lansing 15
Trager, Fredk. C.....933 Northlawn, East Lansing
Trescott, Robt. F.....2909 E. Grand River, Lansing
Trimby, Root. H.....122 W. Hillsdale, Lansing
Troost, Franklin L.....4378 W. Delhi Rd., Holt
Urban, Eva.....540 Glenmoor, East Lansing
Vanderzalm, T. P.....1452 Cambridge Rd., Lansing
Venier, Jos. H.....544 Division, East Lansing
Wadley, Ralph.....335 Seymour Ave., Lansing 33
Wainright, James W.....720 Seymour Street, Lansing
Walker, Leo W.....4225 Apple Tree Lane, Lansing
Wellman, J. M.....301 Seymour, Lansing 33
West, Charles C.....2909 E. Grand River, Lansing
Wilensky, Thos.....201 W. Hillsdale, Lansing
Willson, Howard S.....704 Mich. Nat. Tower, Lansing 8
Wolcott, Lester E.....3555 W. Arbutus, Okemos
Worthington, Ralph.....717 Britten Ave., Lansing
Zick, Gerald A.....122 W. Hillsdale St., Lansing

IONIA-MONTCALM COUNTY MEDICAL SOCIETY (94)

Anderson, D. Hess.....207 Bridge St., Portland
Bird, Wm. L.....110 W. Cass St., Greenville
Birzgalis, Alfreds A.....Ionia State Hosp., Ionia
Buck, Jack H.....517 Division, Ionia
Bunce, Earl P. (L).....Trufant
Bunce, Leo W.....Trufant
Campbell, Richard E.....340 E. Main St., Ionia
Detterbeck, Frank J.....940 Park St., Belding
Dunkin, Lloyd S.....410 S. Clay St., Greenville
Fleming, John W. C. (L).....Pewamo
Foust, Jos. C. (A).....Kisa Box 73, Tukuyu Tanganyika, E. Africa
Fox, Harold M.....Portland
Geib, Oscar P. (L).....Carson City
Glerum, John B.....507 S. Lafayette St., Greenville
Halick, John.....200 S. Franklin, Greenville
Hansen, Carl M.....Stanton
Haskell, Robt. H. (L).....315 S. 5th Avenue, Ann Arbor
Hoffs, Marinus A.....Shellborn Bldg., Lake Odessa
House, Glenn W., Jr.....507 S. Lafayette St., Greenville
Kazmers, Nikolas.....Lakeview
Kopchick, Jos.....Muir
Kozachik, Martin J.....123 Bridge St., Portland
Kwast, Harold A. (M).....123 Bridge St., Portland
Leider, Thos. R.....230½ W. Main St., Ionia
Lilly, Isaac S. (L).....Stanton
London, John L. (M).....9602 Bevlyn, Houston, Texas
Marston, Leo L.....Box 235, Lakeview
Mitchell, Harold C.....509 Johnson St., Ionia
Naglins, Jekabs.....Ionia State Hosp., Ionia

Olsen, Bruce C.....110 W. Cass St., Greenville
Pates, Don C.....Belding
Rice, Robt. E.....P.O. Box 271, Greenville
Robertson, Perry C. (L).....327 Center St., Ionia
Slagh, Milton E.....Saranac
Smith, Robt. O.....724 Roselawn, Ionia
Socha, Edmund S.....217 E. Main, Ionia
Stevens, Charles E.....513 N. Lafayette St., Greenville
Tannheimer, John F.....525 Lafayette St., Ionia
Tromp, Jack L.....R.F.D. 3, Lake Odessa
Van Loo, Jacob.....103 E. Washington St., Belding

JACKSON COUNTY MEDICAL SOCIETY (98)

Adams, Ellis W.....517 Wildwood Ave., Jackson
Ahronheim, J. H.....Foote Memorial Hosp., Jackson
Appel, Saul.....112 W. Michigan Ave., Jackson
Baker, Geo. M.....350 S. Union, Parma
Beckwith, Sidney A.....100 E. Main St., Stockbridge
Bentley, Jack P.....2532 Spring Arbor Rd., Jackson
Bentley, Mary E. N.....2532 Spring Arbor Rd., Jackson
Brashares, Zane A.....Brooklyn
Bullen, G. R.....418 Third St., Jackson
Clarke, Corwin S. (L).....1046 4th St., Jackson
Cooley, Chas. W.....Mercy Hosp., Jackson
Cooley, Randall M. (L).....141 E. Robinson St., Jackson
Corley, Cecil.....204 Homecrest Rd., Jackson
Corley, Ennis H.....3923 Kathmar Dr., Jackson
Corley, Robt. W.....204 Homecrest Rd., Jackson
Cox, Ferdinand (L).....1601 4th St., Jackson
Culver, Guy D. L. (A).....P.O. Box 38, Stockbridge
Daly, Byrne M.....709 Oakridge Drive, Jackson
Davenport, Bruce.....404 McNeal St., Jackson
DeMay, Cuthbert E.....403 E. Michigan Ave., Jackson
DeMay, John D.....403 E. Michigan Ave., Jackson
Deming, Richard C.....724 W. Franklin, Jackson
Dengler, Chas. R.....504 3rd St., Jackson
Dickman, Harry M.....104 Oak St., Hudson
Douglas, Edward W. (L).....468 4th Avenue New Kensington, Pa.
English, David C.....606 W. Michigan Ave., Jackson
Filip, Hypolit K., Jr.....P.O. Box 84, Jackson
Finton, Robt. E.....610 W. Michigan, Jackson
Finton, Walter L. (L).....1502 Carlton Blvd., Jackson
Foust, Wm. L.....219 E. Michigan, Grass Lake
Garlock, Grant L. (A).....314 Homecrest, Jackson
Greenbaum, Harry.....1203 Greenwood Ave., Jackson
Growt, Bowers H.....Addison
Habenicht, Hilda A.....718 Glenwood St., Jackson
Hackett, Thos. L.....519 N. East Ave., Jackson
Hanft, Cyril F.....144 E. Main St., Springport
Hanson, Victor R.....Chelsea
Hardie, Geo. C.....724 W. Michigan, Jackson
Hicks, Glenn C. (L).....1009 Wildwood Avenue, Jackson
Holst, John B.....606 City Bank Bldg., Jackson
Huntley, W. B. (L).....770 32nd Ave. S., Lot 500, St. Petersburg 5, Fla
Joerin, Wm. A.....612 First St., Jackson
Karr, Jean P.....502 W. Michigan Ave., Jackson
Keefer, Albert H.....Concord
Kempton, Geo. B.....511 S. West Avenue, Jackson
Kiessling, A. J., Jr.....511 S. West Ave., Jackson
Kline, Starr L. (L).....3525 Jefferson Rd., Clark Lake
Kobs, Robt. J.....608 W. Michigan Ave., Jackson
Kudner, Donald F.....435 Wildwood Ave., Jackson
Lake, Edward C.....612 1st St., Jackson
Landron, Danl.....4633 Page, Michigan Center
Latchaw, William R.....4000 Cooper St., Jackson
Lenz, Chas. R., Jr.....405 1st St., Jackson
Lewis, Elmore, F.....1112 Carlton Blvd., Jackson
Linden, Victor E.....112 W. Michigan Ave., Jackson
Llinas, Jose J.....1215 First St., Jackson
Ludwick, John E.....237 W. Washington Ave., Jackson
Ludwick, John P.....237 W. Washington, Jackson
Luh, E. F.....328 W. Franklin St., Jackson
McGarvey, Wm. E.....161 W. Michigan Ave., Jackson
McLaughlin, John M.....710 S. Brown St., Jackson
McLaughlin, Miar J. (L).....710 S. Brown St., Jackson
McLauthlin, H. B.....439 Wildwood Ave., Jackson
McQuillan, F. P.....611 Center St., Jackson
Meads, Jason B.....161 W. Michigan Ave., Jackson
Medlar, Robt. E.....719 Seventeenth St., Jackson
Morelli, Lorenzo.....401 W. Prospect St., Jackson
Muhich, Ralph A.....2532 Spring Arbor Rd., Jackson
Munro, Colin D. (L).....740 W. Michigan, Jackson
Munro, James E. (L).....1015 Pigeon St., Jackson
Munro, Nathan D.....740 W. Michigan Ave., Jackson
Murphy, Bernard M.....1134 E. Ganson St., Jackson
Newton, Ray E.....180 W. Michigan Ave., Jackson
Niekamp, Harold.....2532 Spring Arbor Rd., Jackson
Oleksy, Stanley P.....744 W. Michigan, Jackson
Olsen, Lloyd L.....610 W. Michigan Ave., Jackson
Oster, Harold L.....1218 Greenwood Ave., Jackson
Otis, Grant L.....525 Wildwood Ave., Jackson
Payne, Andrew K.....Foote Memorial Hosp., Jackson
Phillips, Geo. H.....Jackson Co. TB Sanat., Jackson
Porter, Horace W.....505 Wildwood Ave., Jackson
Pray, Frank F. (L).....310 Steward Ave., Jackson
Pray, Geo. R. (L).....404 S. Jackson St., Jackson
Preston, Joseph A.....Mercy Hospital, Jackson
Rice, John W.....421 McNeal St., Jackson
Ries, Richard G.....612 First St., Jackson
Riley, Philip A.....500 S. Jackson St., Jackson
Riley, Philip A., Jr.....500 S. Jackson St., Jackson
Rucker, Joseph.....1012 Francis St., Jackson
Sargent, Leland E.....Foote Memorial Hosp., Jackson
Sautter, Wm. A.....Horton
Schmidt, Theophile E.....180 W. Michigan Ave., Jackson
Scott, John A., Jr.....432 W. Michigan, Jackson
Shaeffer, Arthur M.....1615 Carlton Blvd., Jackson
Shaeffer, Leland D.....1615 Carlton Blvd., Jackson
Sher, David B.....4000 Cooper St., Jackson
Sill, Henry W.....724 W. Michigan Ave., Jackson
Sirhal, Alfred M.....Brooklyn
Smith, Dean W.....500 W. Michigan Ave., Jackson
Southwick, W. A.....130 Maple Street, Springport
Stackable, Wm. R.....2532 Spring Arbor Rd., Jackson
Stewart, Lewis L. (L).....308 Edgewood St., Jackson
Stewart, Lewis L., Jr.....1919 Kibby Road, Jackson
Stolberg, Carl A.....724 W. Franklin, Jackson
Stone, Ethon L.....721 Seventeenth St., Jackson
Sugar, Saml.....180 W. Michigan Ave., Jackson
Tate, Cecil E.....1315 Francis St., Jackson
Taylor, Ross V.....517 Wildwood Ave., Jackson
Thalner, Leonard F.....609 W. Michigan Ave., Jackson
Thayer, Earl A.....120 W. Michigan Ave., Jackson
Thompson, T. B.....434 Wildwood Ave., Jackson
Torwick, Edward T.....112 W. Michigan Ave., Jackson
Townsend, James W.....108 Hague Ave., Vandercook Lake, Jackson
Van Schoick, Frank.....419 W. High St., Jackson
Van Schoick, John D.....Hanover
Van Wagnen, F. I., Jr.....434 Wildwood Ave., Jackson
Vivirski, Edward E.....603 S. Elm Ave., Jackson
Weddon, Edward R.....R.F.D. 2, Stockbridge
Wholihan, John W.....604 W. Michigan Ave., Jackson
Wickham, Woodward A.....435 Wildwood Ave., Jackson
Wille, Warren S.....1204 First St., Jackson
Winter, Geo. E. (L).....2333 22nd St. S., St. Petersburg 5, Fla.

LISTED BY COMPONENT MEDICAL SOCIETIES

KALAMAZOO ACADEMY OF MEDICINE (102)

Aach, Hugo A.....3314 Bronson Blvd., Kalamazoo 37
Alexander, C. A.....118 W. North St., Kalamazoo
Andrews, Sherman E.....224 E. Cedar St., Kalamazoo 8
Angell, Howard H. (A).....301 Henrietta St., Kalamazoo
Anglin, Walter M. (A).....R.R. 2, Box 300, Richland
Appel, Ben A.....252 E. Lovell St., Kalamazoo
Appel, Wm. P.....252 E. Lovell St., Kalamazoo 8
Appell, Lloyd E.....126 N. Kalamazoo Ave., Vicksburg
Armstrong, Robt. J.....103 N. Burdick St., Kalamazoo 1
Banner, Lawrence R.....Borgess Med. Center, Kalamazoo
Barak, Herbert G.....1631 Gull Road, Kalamazoo
Barrows, Winona M.....1500 Blakslee St., Kalamazoo
Barry, Manley L.....Plainwell Sanit., Plainwell
Bennett, Keith F.....252 E. Lovell St., Kalamazoo
Berglund, V. A.....6646 Portage Rd., Kalamazoo
Berry, Ivor, Jr.....516 Whites Rd., Kalamazoo
Betz, Eldean G.....1711 Merrill, Kalamazoo 6
Birch, Wm. G.....252 E. Lovell Ave., Kalamazoo 5
Bodmer, Harvey C.....403 W. Kalamazoo Ave., Kalamazoo
Bond, Glenn C. (A).....301 Montrose, Kalamazoo
Borgman, Wallace.....1631 Gull Rd., Kalamazoo 46
Boyd, Robt. E.....302 Bronson Med. Center, Kalamazoo
Breneman, James C.....Galesburg
Brooks, Bert W.....715 Edgemoor Ave., Kalamazoo
Brown, Irmel W.....107 W. Michigan Ave., Kalamazoo
Brue, Peter P.....1009 Cambridge Dr., Kalamazoo
Burbidge, Earl L.....2034 Saxonia Lane, Parchment
Burrell, Robt. B.....1711 Merrill St., Kalamazoo
Caldwell, Clyde T., Ph.D. (A).....2112 Sheffield Dr., Kalamazoo
Callander, C. Glen.....252 E. Lovell St., Kalamazoo
Cartland, Geo. F., Ph.D. (A).....1704 Dover Rd., Kalamazoo
Cashen, Russell M.....252 E. Lovell St., Kalamazoo
Chrest, Clarence P.....458 W. South St., Kalamazoo
Clement, F. L.....208 Bronson Med. Cen., Kalamazoo
Cobb, Horace R. (L).....3403 Knox Street, Kalamazoo
Conrad, Maynard M.....252 E. Lovell St., Kalamazoo
Cooper, Paul F.....4326 Oakland Dr., Kalamazoo
Cornish, F. L., III.....4301 Sunnybrook Dr., Kalamazoo
Cox, Franklin.....Borgess Hospital, Kalamazoo
Crane, Warren B.....1631 Gull Rd., Kalamazoo
Crawford, Kenneth L.....612 Douglas, Kalamazoo
Crawford, Porter F. (A).....Box 831, Kalamazoo
Crawley, Kenneth R. (A)....301 Henrietta St., Kalamazoo
Creager, Ray O.....1218 Bronson Circle, Kalamazoo
Cretsinger, Francis C.....224 E. Cedar St., Kalamazoo
Currier, Richard K.....6646 Portage Rd., Kalamazoo
Dahlstrom, Doris E.....723 S. Westnedge Ave., Kalamazoo
Dana, Robt. L.....228 W. Cedar St., Kalamazoo
Delbert, Stewart G.....914 S. Burdick St., Kalamazoo
DeLong, Robt. E.....Borgess Med. Center, Kalamazoo
DePree, Harold E.....252 E. Lovell St., Kalamazoo
Dew, Robt. R.....1711 Merrill St., Kalamazoo
DeWitt, Norman L.....103 N. Burdick St., Kalamazoo
Dick, Leo A.....428 Stuart Ave., Kalamazoo
Doezema, Edward R.....516 Whites Rd., Kalamazoo
Dowd, Bennard J.....1415 Henderson Dr., Kalamazoo
Doyle, Fredk. M.....3320 Bronson Blvd., Kalamazoo 37
Dugger, James A.....2901 S. Westnedge Ave., Kalamazoo
Endrei, Arisztid.....1312 Oakland Dr., Kalamazoo
Estill, Don V.....414 W. Patterson St., Kalamazoo
Fancher, James A. (A).....301 Henrietta St., Kalamazoo
Fath, August F.....1711 Merrill, Kalamazoo
Ferguson, Robt. K.....1324 S. Park, Kalamazoo
Finton, Max A.....252 E. Lovell St., Kalamazoo
Flunt, Roman.....Box A, State Hospital, Kalamazoo
Fopeano, John V.....1711 Merrill St., Kalamazoo
French, Merle R.....5250 Oracle Rd., Tucson, Arizona
Fulkerson, Clark B. (L)....425 S. Westnedge, Kalamazoo
Fuller, Paul M.....1700 Gull Rd., Kalamazoo
Gardner, Carl A...1410 American Nat'l Bank, Kalamazoo
Gerstner, Louis W.....2425 Law Ave., Kalamazoo
Gladstone, Wm. S.....458 W. South St., Kalamazoo
Glaser, Daniel F.....463 Academy St., Kalamazoo
Goodhue, Lolita G.....2503 W. Main St., Kalamazoo
Graf, Michael.....2529 Fairfield Ave., Kalamazoo
Grant, Fredk. E. (L).....214 Douglas Ave., Kalamazoo
Green, Wm. L.....136 E. Michigan Ave., Kalamazoo 4
Grekin, Robt. H.....136 E. Michigan Ave., Kalamazoo
Gremel, Norman.....458 W. South St., Kalamazoo
Haddock, D. A., Jr.....6646 Portage St., Kalamazoo
Hailman, Harold F.....301 Henrietta St., Kalamazoo
Hammer, John M.....100 Maple St., Parchment
Hanson, Curtis M.....252 E. Lovell St., Kalamazoo
Hare, J. Donald.....516 Whites Rd., Kalamazoo
Harrell, Frank G.....420 John St., Kalamazoo
Harrelson, Wm. D.....1324 S. Park, Kalamazoo
Harvey, Donald A. (A).....2308 Crane Ave., Kalamazoo
Hayner, Russell A.....4015 Portage, Kalamazoo
Heersma, H. Sidney.....1711 Merrill St., Kalamazoo
Heinle, Robt. W.....Med. Div., Upjohn Co., Kalamazoo
Hendrix, J. W. (A).....2326 W. Main St., Kalamazoo
Herbert, Walter N.....1223 S. Park St., Kalamazoo
Hersey, E. Freeman.....1215 Oakland Dr., Kalamazoo
Hersey, Margaret S.....1215 Oakland Dr., Kalamazoo
Hildreth, Roscoe C.....458 W. South St., Kalamazoo 46
Hodgman, Albert B.....1601 Grand Ave., Kalamazoo
Hoebeke, Wm. G. (L).....252 E. Lovell St., Kalamazoo
Howard, R. Grant.....Borgess Med. Center, Kalamazoo
Howard, Willard H.....1602 Gull Rd., Kalamazoo
Hubbard, Edwin M.....463 Academy St., Kalamazoo
Hume, Robt. H.....705 Hanselman Bldg., Kalamazoo
Hunt, Jack (M).....100 Maple, Parchment
Huyser, Wm. C. (L).....427 S. Burdick St., Kalamazoo
Irwin, Wm. D.....103 N. Burdick St., Kalamazoo
Jennings, Robt. M.....Box A, Kalamazoo
Johnson, Fenimore T. (A).....Med. Div., Upjohn Co., Kalamazoo
Kavanaugh, John.....1223 S. Park St., Kalamazoo
Kavanaugh, Wm. R.....612 Douglas Ave., Kalamazoo
Kercher, Ervin F.....2019 Ramblin, Kalamazoo
Kilgore, Robt. N.....252 E. Lovell St., Kalamazoo
Klerk, Wm. J.....914 S. Burdick St., Kalamazoo
Knapp, Robt. D., Jr. (A)..301 Henrietta St., Kalamazoo
Koestner, Paul A.....1303 Portage St., Kalamazoo
Kuizenga, Marvin R., Ph.D. (A).....Upjohn Co., Kalamazoo
Lavender, H. C. (A)..136 E. Michigan Ave., Kalamazoo
Lawrence, James O.....1409 Henderson Dr., Kalamazoo
Lawson, James B. (A).....RR 1, Box 190, Vicksburg
Lemmer, Richard A.....252 E. Lovell St., Kalamazoo
Light, Richard U...916 American Nat'l Bldg., Kalamazoo
Littig, John D.....1708 Embury Rd., Kalamazoo
Locklin, W. Kaye.....136 E. Michigan, Kalamazoo
Louisell, James M.....1223 S. Park, Kalamzoo
Loynd, James W., II.....1324 S. Park St., Kalamazoo
MacDonald, M. A.....2824 Hill n' Brook Dr., Kalamazoo
MacGregor, John R.....100 Maple St., Parchment
Machin, Harold A.....2348 Tipperary Rd., Kalamazoo
Malone, James G.....420 John St., Kalamazoo
Margolis, Fredk. J.....2901 S. Westnedge, Kalamazoo
Marshall, Don.....252 E. Lovell St., Kalamazoo
Marshall, Evelyn M. W. (A).....1508 Timberlane Dr., Kalamazoo
Marshall, Wm. P.....160 Edgemoor Ave., Kalamazoo
Martens, Irvin J.....1521 Gull Rd., Kalamazoo
May, Donald G.....516 Whites Rd., Kalamazoo
McCarthy, Jos. S.....Box A, Kalamazoo
McLennan, Thomas A.....5048 Riverview Dr., Parchment
McLeod, Garrard A., Ph.D. (A).....Upjohn Co., Kalamazoo
McManus, James W.....1416 Academy St., Kalamazoo
McMillan, Donald W.....1631 Gull Rd., Kalamazoo
Mellis, Richard.....516 Whites Rd., Kalamazoo
Moe, Carl R.....1324 S. Park St., Kalamazoo
Morter, Roy A. (L).....2421 Sheffield, Kalamazoo
Neerken, Adrian J.....1318 Amer. Nat'l Bldg., Kalamazoo
Nicholson, Robt. M.....1711 Merrill, Kalamazoo
O'Donovan, C. J.....2659 Sunnybrook Dr., Kalamazoo

Overbey, Chas. B., Jr.....1000 Oakland Dr., Kalamazoo
Patmos, Martin.....1207 Cherry St., Kalamazoo
Peake, Chas. O., III.....252 E. Lovell St., Kalamazoo
Pearson, Edwin O.....458 W. South St., Kalamazoo 46
Peelen, J. W.....516 Whites Rd., Kalamazoo
Peelen, Matthew.....252 E. Lovell St., Kalamazoo
Peltason, Walter C.....Box A, Kalamazoo
Peltier, Hubert C. (A).....Upjohn Co., Kalamazoo
Perry, Clifton W.....2030 Waite Ave., Kalamazoo 40
Pinkham, Raymond A.....316 Henrietta St., Kalamazoo
Pool, John D.....736 East Cork St., Kalamazoo
Prentice, Hazel R.....2413 W. Main St., Kalamazoo
Pullon, Alton E.....1223 S. Park St., Kalamazoo
Rasmussen, Leo B.....152 N. Main St., Vicksburg
Reames, Harold R.....2704 Brookhaven Rd., Kalamazoo
Rigterink, Gerald H.....433 South Rose St., Kalamazoo
Roberts, Millard S.....118 Bulkley St., Kalamazoo 49
Rockwell, Donald C.....1227 Jefferson, Kalamazoo 48
Roger, Rita Ruth.....533 John St., Kalamazoo
Rogers, Rodney J.....126 N. Kalamazoo, Vicksburg
Rutherford, P. S.....Borgess Hospital, Kalamazoo
Ryan, Fredk. C.....1631 Gull Rd., Kalamazoo
Sage, Edward D. (L)..902 Hanselman Bldg., Kalamazoo
Scherer, Flora E.....3628 Bronson, Kalamazoo
Scholten, Dirk J. (L).....522 S. Burdick St., Kalamazoo
Scholten, Roger A.....252 E. Lovell St., Kalamazoo
Scholten, Wm. (R).....Box A, State Hospital, Kalamazoo
Schrieber, R. S., Ph.D. (A)....Upjohn Co., Kalamazoo
Schrier, Clarence T. M.....1000 Oakland Dr., Kalamazoo
Schrier, Paul G.....252 E. Lovell St., Kalamazoo
Schrier, Thomas.....Box 88, Comstock
Scott, William A.....1631 Gull Rd., Suite 212, Kalamazoo
Simpson, Bernard W.....610 S. Burdick, Kalamazoo
Slatmyer, Karel R., Jr.....103 N. Burdick St., Kalamazoo
Slenger, Walworth R.....252 E. Lovell St., Kalamazoo
Smith, Thos. C.....1000 Oakland Dr., Kalamazoo
Sofen, Morris B.....107 W. Michigan Ave., Kalamazoo
Southworth, M. N.....Schoolcraft
Stewart, R. B.....605 Hanselman Bldg., Kalamazoo
Stewart, Wm. C., Jr.....2019 Rambling Rd., Kalamazoo
Stiller, Anthony F.....1500 Blakslee St., Kalamazoo
Stryker, Homer H.....Borgess Med. Center, Kalamazoo
Talanda, Edmund.....3125 W. Main, Kalamazoo
Tucker, Harold A. (A).....Upjohn Co., Kalamazoo
Upjohn, E. Gifford.....301 Henrietta St., Kalamazoo
Upjohn, Harold.....301 Henrietta St., Kalamazoo
Vander Velde, K. M.....Bronson Med. Center, Kalamazoo
Verhage, Martin D.....228 W. Cedar St., Kalamazoo
Volderauer, John C.....458 W. South St., Kalamazoo
Warnke, Robt. D.....1631 Gull Rd., Kalamazoo
Weadon, Preston S.....252 E. Lovell St., Kalamazoo
Webb, Joseph P. (A).....301 Henrietta St., Kalamazoo
Wenner, Wm. F. (A)....1715 Cambridge Rd., Kalamazoo
Wilbur, Edward P. (L)....1730 Dover Rd., Kalamazoo 38
Williamson, Edwin M.....252 E. Lovell St., Kalamazoo
Wilson, Doyle E.....1223 S. Park St., Kalamazoo
Wu, Jack F.....810 E. Center Ave., Kalamazoo
Young, Edgar W., Jr. (A).....Upjohn Co., Kalamazoo
Youngs, Cyril A.....416 S. Burdick St., Kalamazoo
Zolen, Margaret H.....628 S. Park St., Kalamazoo
Zwergel, Edward H.....5207 Morningside Dr., Kalamazoo

KENT COUNTY MEDICAL SOCIETY (106)

Adams, Frank A.....526 Leonard St. N.W., Grand Rapids
Aitken, Geo. T.....50 College Ave. S.E., Grand Rapids 3
Albers, G. Donald....203 Paris Ave. S.E., Grand Rapids 3
Albers, Robt. (A)....50 College Ave. S.E., Grand Rapids
Aldridge, Chas. W., Jr.....153 Lafayette S.E., Grand Rapids 3
Alfenito, Felix S., Jr.....26 Sheldon Ave. S.E., Grand Rapids 2
Alger, George D.....2060 Alpine Ave. N.W., Grand Rapids
Allen, L. Willis.....245 State St. S.E., Grand Rapids 3
Allen, Ralph V.....1669 Plainfield Ave. N.E., Grand Rapids 5
Anderson, Karl A. (A).....2663 Reeds Lake Blvd., Grand Rapids
Andre, Harvey M...500 Cherry St. S.E., Grand Rapids 3
Andrews, E. B. (A).....280 Calhoun St., Charleston, N. C.
Appelboom, J. W. Th.....2402 Eastern Ave. S.E., Grand Rapids 7
Avery, Noyes L., Jr...833 Lake Dr. S.E., Grand Rapids 6
Baker, Abel J. (L).....74 Ionia Ave. N.W., Grand Rapids 2
Baker, Robt. J. (M).....8231 Russell Ave. S., Minneapolis 20, Minn.
Ballard, Milner S.....146 Monroe Ave. N.W., Grand Rapids
Balyeat, Gordon W.....150 Morningside Dr., Grand Rapids 6
Barofsky, Gerald F...808 Alger St. S.E., Grand Rapids 7
Bartek, Gordon L.....110 E. Fulton St., Grand Rapids
Basinger, Clair E.....1810 Wealthy St. S.E., Grand Rapids
Baum, Wm. C.....153 Lafayette S.E., Grand Rapids 3
Beaton, James H.....153 Lafayette S.E., Grand Rapids 3
Beeman, Carl B.....833 Lake Dr. S.E., Grand Rapids 6
Beers, W. Clarence....124 Fulton St. E., Grand Rapids 2
Bell, Chas. M.....50 College Ave. S.E., Grand Rapids 3
Benjamin, Howard G.....72 Sheldon Ave. S.E., Grand Rapids 2
Bennett, W. Bruce.....Lakeview Hosp., Lakeview
Bennett, Wm. D.....1514 Wealthy St. S.E., Grand Rapids 6
Benson, Roland R.....250 Cherry St., Grand Rapids 3
Bergsma, Stuart.....2639 Brooklyn S.E., Grand Rapids 7
Beukema, Marenus J.....6850 S. Division Ave., Grand Rapids 8
Bignall, C. Rexford..245 State St. S.E., Grand Rapids 3
Birch, Larry H.....100 Mich St. N.E., Grand Rapids
Bird, Frank L. (A).....8 Main St., Netcong, N. J.
Blackburn, Henry M. (L).....116 E. Fulton St., Grand Rapids
Blocksma, Ralph.....245 State St. S.E., Grand Rapids 3
Boelkins, Richard C.....125 Fountain St. N.E., Grand Rapids 3
Boerman, Walter J.....2060 Alpine Ave. N.W., Grand Rapids
Boersma, Donald.....920 Chippewa, Grand Rapids
Boet, Frank A. (L).....849 Scribner Ave. N.W., Grand Rapids 4
Boet, John T.....2339 Wyoming Ave. S.W., Grand Rapids 9
Bond, Geo. L. (L).....Rapid City
Bonzelaar, Marvin.....2740 Eastern Ave. S.E., Grand Rapids
Booher, Craig E.....1810 Wealthy St. S.E., Grand Rapids 6
Bosch, Leon C.....26 Sheldon Ave. S.E., Grand Rapids
Botting, A. J.....2360 84th St. S.W., Byron Center
Bowman, Harold E.....201 Lafayette S.E., Grand Rapids
Boyce, David C.....507 Loraine Bldg., Grand Rapids 2
Brace, Fredk. C.....1498 Lake Dr. S.E., Grand Rapids 6
Bratt, Harvey J.....980 Hall St. S.E., Grand Rapids
Braunschneider, Geo. E.....1632 Leonard St. N.W., Grand Rapids 4
Brink, J. Russel.....50 College Ave. S.E., Grand Rapids 3

Brotherhood, James S. (L)....3239 Scenic Dr., Muskegon
Brown, Jack A.....3 N. Monroe, Rockford
Bull, Frank L.....72 E. Division, Sparta
Bull, R. John (A).....500 Morris Ave. S.E., Grand Rapids
Burhans, Gregory L. (A).....218 Crescent St. N.E., Grand Rapids 2
Burhans, John B.....418 Medical Arts Bldg., Grand Rapids
Burke, James M. (A)..533 Crescent N.E., Grand Rapids
Burleson, John S...531 Greenwood S.E., Grand Rapids 6
Burling, Wesley M. (L).....129 Michigan St. N.E., Grand Rapids 3
Burroughs, F. M., Jr. (A).....3307 Ottawa, Grandville
Butler, Wm. J. (A).....6832 Tivani Dr., Tucson, Arizona
Byrd, Mary L.....700 Kent Hills Rd. N.E., Grand Rapids 5
Capps, Samuel C.....100 Michigan St. N.E., Grand Rapids
Carbeck, Robt. B. (A).....2315 Walter Dr., Ann Arbor
Carpenter, L. C.....50 College Ave. S.E., Grand Rapids 3
Caukin, Howard S...500 Cherry St. S.E., Grand Rapids 3
Cayce, Wm.....245 State St. S.E., Grand Rapids 3
Champion, John P.....2222 Englewood S.E., Grand Rapids 6
Chandler, Donald..RR 4, East Belt Line, Grand Rapids 5
Chase, Robert J.....833 Lake Dr. S.E., Grand Rapids
Chen, Mey En (A).....518 Belvedere Dr. S.E., Grand Rapids 6
Clahassey, Erwin G.....50 College Ave. S.E., Grand Rapids 3
Clawson, Carroll K...445 Cherry St. S.E., Grand Rapids
Claytor, Robt. W.....1424 Madison Ave. S.E., Grand Rapids 7
Corbus, Burton R. (L).....325 Union Ave. S.E., Grand Rapids
Crane, Harold D.....26 Sheldon Ave. S.E., Grand Rapids 2
Cremer, John A.....911 Leonard St. N.W., Grand Rapids
Crissman, Richard K.....2747 Clyde Park S.W., Grand Rapids
Currier, Fred P. (R).....955 Floral Dr. S.E., Grand Rapids 6
Dales, Ernest W. (L).....146-156 Monroe Ave. N.W., Grand Rapids 2
Dassel, Paul M.....2641 Boston S.E., Grand Rapids 6
Davis, David B.....26 Sheldon Ave. S.E., Grand Rapids 2
Davis, Roy A.....1420 Berkshire Dr. S.E., Grand Rapids 8
Dawson, Walter D...408 Med. Arts Bldg., Grand Rapids 2
Dean, Alfred (L).....Sagola
DeBoer, Arthur F. (A).....1840 Wealthy St. S.E., Grand Rapids 6
DeBoer, Clarence J.....3011 Wilson S.W., Grandville
DeBoer, Guy W.....26 Sheldon Ave. S.E., Grand Rapids 2
DeMaagd, Gerald.....143 Courtland, Rockford
DeMol, Richard J.....1414 Eastern Ave. S.E., Grand Rapids 7
Denham, Robt. H.....50 College Ave. S.E., Grand Rapids 3
DePree, Isla G.....14 Monroe Ave. N.E., Grand Rapids 2
DePree, Joe.....1810 Wealthy St. S.E., Grand Rapids 6
DeVel, Leon....739 Plymouth Blvd. S.E., Grand Rapids 6
DeVries, Daniel..1414 Eastern Ave. S.E., Grand Rapids 7
Dewey, Kent A.....26 Sheldon Ave. S.E., Grand Rapids 2
DeYoung, M. T.....1505 Twelve Mile Rd., Sparta
Dice, Nanette.....1514 Wealthy St. S.E., Grand Rapids 6
Dick, Mark W...146 Monroe Ave. N.W., Grand Rapids 2
Diskey, Donald G.....430 Shawmut Blvd. N.W., Grand Rapids 4
Dixon, Willis L.....26 Sheldon Ave. S.E., Grand Rapids 2
Docter, Luebert....26 Sheldon Ave. S.E., Grand Rapids 2
Dood, Arnold R. (A).....2129 Eldon Dr. N.E., Grand Rapids 5
Doornbos, Fred A. (A).....1104 Oakdale S.E., Grand Rapids 7
Dorain, Wallace B.....1810 Wealthy St. S.E., Grand Rapids 6
Doran, Frank L.....110 Fulton St. E., Grand Rapids 2
Doyle, John L.....2402 Eastern Ave. S.E., Grand Rapids 7
Eary, L. Edmond, Jr.....52 Orchard Dr., Sparta
Eaton, Robt. M. (A)....Christian Hospital, Meshed, Iran
Ebling, John (M)....2225 Englewood S.E., Grand Rapids
Edholm, Curtis D...53 College Ave. S.E., Grand Rapids 3
Eggleston, Robert L. (A).....208 New P.O. Bldg., San Diego, Calif.
Eldersveld, Herman C...815 Alger St. S.E., Grand Rapids
Ellis, Michael E.....242 Jefferson S.E., Grand Rapids
Ericsson, Kermit C. (A).....1817 Kreiser S.E., Grand Rapids
Failing, John F.....2617 Lake Michigan N.W., Grand Rapids 4
Falbisaner, G. J.....3000 Monroe Ave. N.E., Grand Rapids
Farber, Chas. E.....50 College Ave. S.E., Grand Rapids 3
Faust, Lawrence W.....26 Sheldon Ave. S.E., Grand Rapids 2
Feenstra, L. H.....12 Burton St. S.E., Grand Rapids
Fellows, Kenneth E.....3341 Ashton Rd. S.E., Grand Rapids 6
Ferguson, James A...2230 Hall St. S.E., Grand Rapids 6
Ferguson, Lynn A.....72 Sheldon Ave. S.E., Grand Rapids 2
Ferrand, Louis G.....8149 Northland Dr., Rockford
Fitts, Ralph L.....50 College Ave. S.E., Grand Rapids 3
Fitzgerald, Erwin L.....50 College Ave. S.E., Grand Rapids 3
Flintoff, Wm. M.....1545 Diamond Ave. N.E., Grand Rapids
Flynn, J. Donald..26 Sheldon Ave. S.E., Grand Rapids 2
Fochtman, Thos. W.....72 E. Division, Sparta
Foshee, J. Clinton.....124 Fulton St. E., Grand Rapids 2
Foster, Bradford S.....30 W. Division, Sparta
Fox, Wm. L. (A).....100 Michigan St. N.E., Grand Rapids 3
Foxworthy, John P.....50 College Ave. S.E., Grand Rapids 3
Frantz, Charles H.....1810 Wealthy St. S.E., Grand Rapids
Fuller, Edson H., Jr.....74 Ionia Ave. N.W., Grand Rapids 2
Fuller, Wm. J.....833 Lake Dr. S.E., Grand Rapids 6
Gamm, Kenneth E...153 Lafayette S.E., Grand Rapids 3
Gerard, Donald G. (A).....RR 3, Box 270A, Lowell
Giammona, S. T. J.....535 Greenwood Ave. S.E., Grand Rapids 6
Gibbs, Floyd F.....4338 Division Ave. S., Grand Rapids 8
Gilbert, Ralph H.....26 Sheldon Ave. S.E., Grand Rapids
Gillett, Fredk. S.....50 College Ave. S.E., Grand Rapids
Ginnebaugh, L. A.....511 Huron St. South Haven
Golden, Michael F. (A).....2432 Toronto St., Philadelphia 32, Pa.
Good, C. Robert....2745 DeHoop St. S.W., Grand Rapids
Gouwens, Willis E.....2903 Coit N.E., Grand Rapids 5
Graff, Russell G.....618 Third St. S.W., Rochester, Minn.
Grass, Edward J.....833 Lake Dr. S.E., Grand Rapids 6
Gray, Fred B.....26 Sheldon Ave. S.W., Grand Rapids
Griffith, Lucian S...50 College Ave. S.E., Grand Rapids 3
Grosenbaugh, Clare H.....833 Lake Dr. S.E., Grand Rapids
Gunn, James A...1840 Wealthy St. S.E., Grand Rapids 6
Gunning, Robt. E. Lee.....369 Greenwich Rd. N.E., Grand Rapids
Haarer, John G.....733 Alger S.E., Grand Rapids
Haeck, Wm., Jr.....1414 Eastern Ave. S.E., Grand Rapids 7
Hagerman, David B. (L).....26 Sheldon Ave. S.E., Grand Rapids 2
Hamp, Arthur K.....833 Lake Dr. S.E., Grand Rapids 6
Harmeling, Mark P. (A).....201 Ferson Lakland Village, San Antonio, Texas
Harris, Neil R. (A).....336 Dustman Rd., Bluffton, Ind.
Hayes, L. W., Sr. (R).....Howard City
Hayes, Thomas A.....4700 Cascade Rd. S.E., Grand Rapids 6
Heaton, John R.....72 Sheldon Ave. S.E., Grand Rapids

Heetderks, Dewey R...245 State St. S.E., Grand Rapids 2
Helder, Louis (A).....2700 Elmwood, Ann Arbor
Herrick, Ruth.....26 Sheldon Ave. S.E., Grand Rapids
Hesselschwerdt, D. W.....932 Floral Dr. S.E., Grand Rapids
Hildner, Frank J. (A).....P.H.S. Indian Hosp., San Carlos, Arizona
Hill, A. Morgan....50 College Ave. S.E., Grand Rapids 3
Hill, Thos. B.....710 N. Monroe, Lowell
Hoag, G. David (A).....342 Bossier Rd., Barksdale AFB, Louisiana
Hodgkinson, C. P., II (A).....26316 Powers, Dearborn
Hoeksema, Ronald H. (M).....742 Apple St., Muskegon
Hoekstra, Andrew L.....26 Sheldon Ave. S.E., Grand Rapids 2
Hoekstra, Philip J. (A).....2257 Parkwood, Ann Arbor
Hoffs, Albertus J.....153 Lafayette S.E., Grand Rapids
Holkeboer, Henry D.....1925 Eastern Ave. S.E., Grand Rapids 7
Hollander, Stephen.....1451 Grandville Ave., Grand Rapids 9
Hoogerhyde, Jack.....124 E. Fulton, Grand Rapids 2
Horning, David J. (A)..7315 Birch, Kansas City 15, Mo.
Houghton, R. C.....525 Glenwood S.E., Grand Rapids
Howard, Leonard R. (M).....AO 3078916, Box 10, Schilling AFB, Kansas
Hoyt, Robt. L.....1810 Wealthy St. S.E., Grand Rapids 6
Hudson, A. Thomas (A)..520 Elliott S.E., Grand Rapids
Hudson, Harry C...50 College Ave. S.E., Grand Rapids 3
Hufford, A. Ray.....260 Jefferson Ave. S.E., Grand Rapids 3
Humphrey, James C.....26 Sheldon Ave. S.E., Grand Rapids 2
Hunderman, Edward D. (L).....538 Eastern Ave. S.E., Grand Rapids 6
Hutchinson, F. A.....245 State St. S.E., Grand Rapids
Hydrick, Robt. H.....1043 W. Fulton, Grand Rapids
Hyland, Wm. A.....110 Fulton St. E., Grand Rapids 2

Ireland, Hoesa D.....750 Fuller Ave. N.E., Grand Rapids
Irwin, Jerry L. (A).....3965 Campbell, Dearborn

Jack, Wm. W.....1810 Wealthy St. S.E., Grand Rapids 6
Jackson, Doris L. (A).....1015 N. Marion, Oak Park, Ill.
Jacobs, Richard L. (A).....1423 Mercy St., Iowa City, Iowa
Jameson, Fred M.....833 Lake Dr. S.E., Grand Rapids 6
Jaracz, Walter J.....634 Bridge St. N.W., Grand Rapids 4
Jaracz, Walter J., Jr.....634 Bridge St. N.W., Grand Rapids 4
Jarka, Robt. W.....50 College Ave. S.E., Grand Rapids 3
Jarvis, Chas., Jr.....1520 Plainfield Ave. N.E., Grand Rapids 5
Jellema, John F.....833 Lake Drive, S.E., Grand Rapids
Jensen, Wm. B., Jr.....3147 Bonnell Ave. S.E., Grand Rapids
Johns, Donald C.....655 Broadview St. S.E., Grand Rapids 7
Johnston, Dan W...2440 Beechwood S.E., Grand Rapids 6
Johnston, Wm. L.....110 Fulton St. S.E., Grand Rapids 2
Jones, Edward A.....346 Wealthy St. S.E., Grand Rapids
Jones, Haven E.....833 Lake Dr. S.E., Grand Rapids
Jui, John O. L.....4161 Lake Michigan Dr. N.W., Grand Rapids

Kammeraad, L. A. (M).....Walter Reed Hospital, Washington, D. C.
Kempers, Roger D. (M)..Mayo Clinic, Rochester, Minn.
Kempter, Albert H...1200 Lake Dr. S.E., Grand Rapids 6
Kenney, Leo J.....26 Sheldon Ave. S.E., Grand Rapids
Kessler, Dale L.....1610 Robinson Rd. S.E., Grand Rapids 6
Ketcham, Donn W. (A).....3650 Taft Ave. S.W., Grand Rapids 9
Kincaid, Wm. E.....100 Michigan St. N.E., Grand Rapids 3
Klein, Jacob E. (M).....RR 2, Box 30, Bangor
Klomparens, James T. (M).....4725 Xerxes St., Minneapolis, Minn.
Klooster, Gerald.....2740 Eastern Ave. S.E., Grand Rapids
Kniskern, Paul W.....26 Sheldon Ave. S.E., Grand Rapids 2
Kooistra, Henry P.....1564 Pontiac Rd., Grand Rapids 6
Kool, Bernard P.....445 Cherry St. S.E., Grand Rapids 3
Kreulen, Henry J.....2452 Godwin S.E., Grand Rapids 7
Krhovsky, Frank J. (A).....130 Rexford Dr. S.E., Grand Rapids
Kruse, Wm. T., Jr.....2225 Wilshire Dr. S.E., Grand Rapids 6
Kuiper, K. Van Zanten.....2208 Madison Ave. S.E., Grand Rapids 7

Laird, Robt. G.....26 Sheldon Ave. S.E., Grand Rapids
Lamberts, Austin E.....1520 Leffingwell N.E., Grand Rapids 5
Landstra, Robt. F...50 College Ave. S.E., Grand Rapids 3
Lang, Ramon B.....1520 Plainfield Ave. N.E., Grand Rapids 5
Leep, Jos. H.....1036 Franklin St. S.E., Grand Rapids
Lentini, Jos. R.....110 Fulton St. S.E., Grand Rapids 2
Leppink, Richard A. (A).....Northwoods Apts. 2262, U. of M., Ann Arbor
Lewis, Geo. H.....30 Manchester Rd., S.W., Grand Rapids 8
Lieffers, Harry (L).....26 Sheldon Ave. S.E., Grand Rapids 2
Lillie, Walter I.....50 College Ave. S.E., Grand Rapids 3
Link, Darrell L. (A).....928 Fountain St. N.E., Grand Rapids
List, Carl F.....833 Lake Drive, S.E., Grand Rapids, 6
Logie, James W.....833 Lake Dr. S.E., Grand Rapids 6
Lukens, Jack G.....245 State St. S.E., Grand Rapids 3

MacDonell, James A.....50 College Ave. S.E., Grand Rapids 3
MacIntyre, Dugald S.....833 Lake Dr. S.E., Grand Rapids 6
MacVicar, James E. (A).....210 Lafayette S.E., Grand Rapids
Mahaney, Robert C. (A).....1045 Keneberry Way S.E., Grand Rapids 6
Mancewicz, Jerome F.....1154 Leonard St. N.W., Grand Rapids
Mann, Jos. D.....100 Michigan St. N.E., Grand Rapids 3
Marsh, John P.....124 Fulton St. S.E., Grand Rapids 2
Marshall, Robt. B. (A).....4878 Hanover Dr., Saginaw
Martin, Alexander M. (L).....110 Fulton St. E., Grand Rapids 2
Martinus, Martin (A).....525 Overbrook Lane S.E., Grand Rapids 7
Mason, Warren B...50 College Ave. S.E., Grand Rapids 3
Maynard, Mason S...445 Cherry St. S.E., Grand Rapids 3
Maycroft, T. C. (M).....253 Garfield Ave. N.W., Grand Rapids
McCormick, John K.....122 Caledonia N.E., Grand Rapids 5
McDougal, Wm. J.....127 Fountain St. N.E., Grand Rapids 3
McKay, Orval I.....311 E. Main St., Lowell
McKinlay, Leland M. (R).....Box 113, Howey In Hills, Lake County, Florida
Meade, Richard H., Jr. (A).....750 San Jose Dr., Grand Rapids 6
Meeuwsen, Bernard.....26 Sheldon Ave. S.E., Grand Rapids
Mehney, Gayle H.....245 State St. S.E., Grand Rapids 3
Miller, David G. (M).....100 Michigan St. N.E., Grand Rapids
Miller, John J.....1580 Water St., Marne
Miller, J. D.....50 College Ave. S.E., Grand Rapids 3
Miller, Theo. P. (A)..5480 Alpine N.W., Comstock Park
Mitchell, Waldemar B.....26 Sheldon Ave. S.E., Grand Rapids
Moberg, Carl H...26 Sheldon Ave. S.E., Grand Rapids 2
Moen, Cornetta G.....215 Paris Ave. S.E., Grand Rapids
Moleski, Joseph V...26 Sheldon Ave. S.E., Grand Rapids

Moleski, Leo T.....26 Sheldon Ave. S.E., Grand Rapids
Moleski, Stanley L...26 Sheldon Ave. S.E., Grand Rapids
Moleski, Walter L. (A).....701 Pontiac S.E., Grand Rapids 6
Moll, Arthur M.....74 Ionia Ave. N.W., Grand Rapids 2
Mollmann, Arthur H.....110 E. Fulton St., Grand Rapids
Montgomery, John C.....1810 Wealthy St. S.E., Grand Rapids 6
Moore, Douglas P...110 Fulton St. S.E., Grand Rapids 2
Morey, Edward C. (L)..557 Fulton E., Grand Rapids 3
Morrill, Charles E. (A).....Deur Clinic, Grant
Mouw, Dirk R...2352 Jefferson Dr. S.E., Grand Rapids 7
Mulder, G. Arthur.....26 Sheldon Ave. S.E., Grand Rapids 2
Mulder, Jacob D. (L).....6850 S. Division Ave., Grand Rapids 8
Muldoon, James P...72 Sheldon Ave. S.E., Grand Rapids
Murray, Raymond H., Jr.....26 Sheldon Ave. S.E., Grand Rapids
Nahn, Charles E. (A).....6550th AFB Hospital, Patrick AFB, Florida
Nanzig, Reinard P.....153 Lafayette S.E., Grand Rapids 3
Newton, John P. (A)..1247 Bass Dr., Vance AFB, Okla.
Nickel, Kenneth C.....833 Lake Dr. S.E., Grand Rapids
Nienhuis, Herman D. (A).....231 Lafayette N.E., Grand Rapids
Noordhoff, M. Samuel (A).....N. Chun San Road, Taipei Taiwan, Formosa
Northouse, Peter B.....26 Sheldon Ave. S.E., Grand Rapids 2
Notier, Victor A...50 College Ave. S.E., Grand Rapids 3
Oates, Saml. M.....110 Fulton St. E., Grand Rapids 2
O'Brien, James D...1448 Garfield N.W., Grand Rapids 4
Oliver, W. W. (L)..26 Sheldon Ave. S.E., Grand Rapids
Orders, Richard L. (A).....312 E. Fulton St., Grand Rapids 3
Outcalt, Herman A. (A).....231 Lyon N.E., Grand Rapids 6
Overbeek, Ernest L...26 Sheldon Ave. S.E., Grand Rapids
Paalman, Russell J.....26 Sheldon Ave. S.E., Grand Rapids 2
Palaszek, Theresa R.....833 Lake Dr. S.E., Grand Rapids
Pattullo, Marshall.....110 Fulton St. E., Grand Rapids 2
Payne, C. Allen.....5696 E. Fulton, Ada
Pearson, Glenn A.....519 Greenwood, Grand Rapids 6
Pedden, John R.....445 Cherry St. S.E., Grand Rapids 3
Pilling, Warren C.....936 Orchard S.E., Grand Rapids 6
Piskin, M. S. (A).....750 Fuller N.E., Grand Rapids 3
Plekker, Johannes D...833 Lake Dr. S.E., Grand Rapids 6
Pool, Lee R. (A)..1457 Elliott St. S.E., Grand Rapids 7
Porter, Howard P.....833 Lake Dr. S.E., Grand Rapids
Posthuma, Albert E...153 Lafayette S.E., Grand Rapids 3
Postma, Edward Y.....245 State St. S.E., Grand Rapids 3
Postma, Howard F.....4130 Chicago Dr., Grandville
Potchen, E. James.....124 Fulton St. E., Grand Rapids 2
Pott, Abraham L.....1011 Fulton St. E., Grand Rapids 3
Prothro, Winston B.....303 Ionia Ave. N.W., Grand Rapids
Puite, Robert H.....26 Sheldon Ave. S.E., Grand Rapids 2
Raiman, Robert J.....50 College Ave. S.E., Grand Rapids
Ralph, L. Paul..953 Rosewood Dr. S.E., Grand Rapids 6
Rasmussen, Richard A.....Blodgett Med. Bldg., Grand Rapids 6
Reardon, D. F.....1168 Nixon N.W., Grand Rapids 4
Reus, Wm. F.....24 Burton St. S.E., Grand Rapids 7
Riekse, James M.....1916 Division S., Grand Rapids 7
Rigterink, John W. (L).....50 College Ave. S.E., Grand Rapids 3
Ringenberg, J. C...50 College Ave. S.E., Grand Rapids 3
Robb, Chas. S.....445 Cherry St. S.E., Grand Rapids 3
Robbert, John H.....3011 Wilson, Grandville
Robins, Owen H. (A).....763 Med. Det. APO 227, New York, N. Y.
Robinson, Harold C.....26 Sheldon Ave. S.E., Grand Rapids 2
Rodgers, Wm. L.....616 Bridge N.W., Grand Rapids
Rooks, Wendell H.....1339 Plainfield N.E., Grand Rapids
Roosenberg, Wm...3000 Monroe Ave. N.E., Grand Rapids
Rosenzweig, Leonard..833 Lake Dr. S.E., Grand Rapids 6
Roth, Emil M.....604 Loraine Bldg., Grand Rapids 2
Ryan, John A.....153 Lafayette S.E., Grand Rapids 3
Ryskamp, James J., Jr. (A).....3805 Denfeld Ave., Kensington, Maryland
Santinga, John T. (A).....3973 USAF Hosp., APO 284, New York, N. Y.
Schaubel, Howard J...124 Fulton St. E., Grand Rapids 2
Schek, D. C.....2749 Clyde Park S.W., Grand Rapids 8
Schermerhorn, L. J. (R).....2317 Vine Hill Rd., Santa Cruz, Calif.
Schilling, R. J. (A)..1019 Pinecrest S.E., Grand Rapids 6
Schlosser, Ralph J...26 Sheldon Ave. S.E., Grand Rapids
Schnoor, Elmer W.....844 Iroquois Dr. S.E., Grand Rapids 6
Schnute, Louise F.....146 Monroe N.W., Grand Rapids 2
Schumacher, Earle E., Jr.....833 Lake Dr. S.E., Grand Rapids 6
Scott, Wm. B.....26 Sheldon Ave. S.E., Grand Rapids 2
Sculley, Raymond E.....20 Burton S.E., Grand Rapids 7
Seime, Reuben I.....617 Plymouth Rd., Grand Rapids
Sevensma, Elisha S. (L).....1077 Leonard N.E., Grand Rapids
Sevensma, Eugene S...1077 Leonard N.E., Grand Rapids
Sharda, Martin.....740 Alger St. S.E., Grand Rapids
Sheehan, E. Gregg.....1810 Wealthy St. S.E., Grand Rapids 6
Shellman, Millard W.....50 College Ave. S.E., Grand Rapids 3
Sidell, Richard H.....312 E. Fulton St., Grand Rapids 3
Siebers, Bernard H.....1085 Leonard N.E., Grand Rapids
Sikkema, Donald E. (A).....6674 Clyde Park Ave. S.W., Grand Rapids
Skendzel, L. P. (A).....925 Flat St. N.E., Grand Rapids
Sluyter, John S.....2740 Eastern S.E., Grand Rapids 7
Smith, Ansel B.....110 Fulton St. E., Grand Rapids 2
Smith, Dean B.....245 State St. S.E., Grand Rapids
Smith, Robt. B.....26 Sheldon Ave. S.E., Grand Rapids 2
Smith, R. Earle.....74 Ionia Ave. N.W., Grand Rapids 2
Snider, John D.....2130 Godwin Ave. S.E., Grand Rapids
Snyder, Clarence H.....500 Cherry St. S.E., Grand Rapids 3
Southwick, C. H.....55 Sheldon Ave. S.E., Grand Rapids
Southwick, G. Howard.....55 Sheldon Ave. S.E., Grand Rapids 2
Spencer, Herbert H.....26 Sheldon Ave. S.E., Grand Rapids 2
Start, Armond H. (A).....709 Gaffney Rd., Bens Lake, Elgin AFB, Florida
Steffensen, W. H.....1810 Wealthy St. S.E., Grand Rapids
Stonehouse, Garnet G.....408 Medical Arts Bldg., Grand Rapids 2
Stoneman, Fernley.....3011 Wilson, Grandville
Stover, Virgil E.....860 Gladstone S.E., Grand Rapids 6
Stuart, Gerhardus J. (L).....530 Overbrook Lane S.E., Grand Rapids 6
Sugg, Cullen E.....303 Fulton St. E., Grand Rapids 3
Sugiyama, Tetsuo.....110 E. Fulton St., Grand Rapids 2
Sun, Keh Ming..St. Mary's Hosp. Lab., Grand Rapids 3
Sus Strong, Carl A. (R).....316 Union S.E., Grand Rapids
Swanson, Alfred B.....1810 Wealthy St. S.E., Grand Rapids 6
Swenson, Harold C.....124 Fulton St. E., Grand Rapids 2
Telego, A. J.....1016 San Juan S.E., Grand Rapids
Ten Have, John..3515 Briggs Blvd. N.E., Grand Rapids 2
Ter Keurst, Donald H. (A).....1403 Eastern Ave. S.E., Grand Rapids 7
Tesseine, Arthur J...1328 Madison S.E., Grand Rapids 7
Teusink, James H.....Cedar Springs
Thompson, Athol B.....1810 Wealthy St. S.E., Grand Rapids 6
Thompson, Edward C.....153 Lafayette Ave. S.E., Grand Rapids 3

Thompson, Frank D.....4011 Reeds Lake Blvd. S.E., Grand Rapids 6
Thomson, John W.....833 Lake Dr. S.E., Grand Rapids
Tidey, Marcus B.....456 Cherry St. S.E., Grand Rapids 3
Tiffany, Jos. C...2322 Jefferson Dr. S.E., Grand Rapids 7
Torgerson, Wm. R.....833 Lake Dr. S.E., Grand Rapids 6
Torgerson, Wm. R., Jr.....110 Fulton St. E., Grand Rapids 2
Townsend, Jack H...833 Lake Dr. S.E., Grand Rapids 6
Troske, Robt. L. (M).....School Aviation Medicine, Pensacola NAS, Florida
Truog, Clarence P.....110 Fulton St. E., Grand Rapids 2
Valdmanis, Ferdinands.....2120 Lake Dr. S.E., Grand Rapids
Van Bree, Raymond S.....1521 Ridgewood S.E., Grand Rapids 6
Vanden Berg, A. R.....26 Sheldon Ave. S.E., Grand Rapids 2
Vanden Berg, Henry J. (L).....2933 Bonnell Rd. S.E., Grand Rapids
Vanden Berg, Wm. O.....50 College Ave. S.E., Grand Rapids 3
Vander Kolk, K. J. (A).....1916 S. Division, Grand Rapids
Vander Meer, Raymond.....26 Sheldon Ave. S.E., Grand Rapids 2
Vandermolen, John....1805 Diamond N.E., Grand Rapids
Vander Ploeg, R. A...153 Lafayette S.E., Grand Rapids 6
Vander Ploeg, Wm. H.....980 Hall S.E., Grand Rapids 7
Van der Veer, Corwin G.....245 State St. S.E., Grand Rapids 3
Van Dommelen, G. M.....1539 Plainfield N.E., Grand Rapids
Van Duine, Henry J...153 Lafayette S.E., Grand Rapids 3
Van Dyke, Harold E.....1108 Leonard St. N.E., Grand Rapids
Van Goor, Kornelius.....26 Sheldon Ave. S.E., Grand Rapids 2
Van Noord, Gelmer A.....6850 Division Ave. S., Grand Rapids 8
Van Portfliet, Paul....245 State St. S.E., Grand Rapids 3
Van Solkema, Andrew A.....953 E. Fulton St., Grand Rapids
Van Solkema, Arthur.....3140 Washington, Grandville
Van't Hof, Albert.....50 College Ave. S.E., Grand Rapids 3
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Van Woerkom, Daniel.....750 Leonard St. N.W., Grand Rapids 4
Van Zwalenburg, B. R.....2054 Anderson Dr. S.E., Grand Rapids 6
Veldman, Harold E.....26 Sheldon Ave., Grand Rapids 2
Venema, Jay R.....540 Overbrook Lane S.E., Grand Rapids 7
Ver Lee, Jimmie J. (A)..Galmi Hospital, Sudan Interior Mission, Galmi Via Madaoua, Nigeria, French West Africa
Ver Meulen, John (L).....2400 Wyoming, Grand Rapids
Ver Meulen, Peter (A).....105 Baynton N.E., Grand Rapids
Verwys, A. L. Hubert.....815 Alger St. S.E., Grand Rapids 7
Vining, Keats K., Jr...833 Lake Dr. S.E., Grand Rapids 6
Vis, Wm. R. (L)..26 Sheldon Ave. S.E., Grand Rapids 2
Visser, Earl R. (A).....(No Address)
Vogel, Anton.....750 Fuller Ave. N.E., Grand Rapids 3
Voss, John A.....2060 Alpine Ave. N.W., Grand Rapids 4
Vroon, John (A)..DRCM Hospital, G. Boko Post Office, Mikar via Mkupdi, N. Nigeria, West Africa
Vyn, Jay D.....7119 Driftwood S.E., Grand Rapids 6
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Walma, Daniel.....3011 Wilson S.W., Grandville
Wassink, Roger N. (A).....U. S. Naval Hospital, San Diego, California
Waterman, Donald F.....535 Greenwood S.E., Grand Rapids 6
Webb, Clarence F.....833 Lake Dr. S.E., Grand Rapids 6
Webber, Jerome E.....50 College Ave. S.E., Grand Rapids 3
Weller, Keith E.....1200 Lake Dr. S.E., Grand Rapids 6
Wells, S. Merrill, Jr.....50 College Ave. S.E., Grand Rapids 3
Wenger, Aaron V. (L).....132 Grand Ave. N.E., Grand Rapids
Wenger, John N.....Coopersville
Westerhoff, Robert J.....2740 Eastern Ave. S.E., Grand Rapids
Whalen, John M. (M).....(No Address)
Whinery, Jos. F.....50 College Ave. S.E., Grand Rapids 3
Whitehouse, John D.....1201 Colorado Ave. S.E., Grand Rapids 6
Whittenberger, R. N...245 State St. S.E., Grand Rapids 3
Wiarda, Roy J., Jr. (A).....1427 S. Broadway, E. Providence, R. I.
Wiese, John L.....50 College Ave. S.E., Grand Rapids 3
Wilderom, Morris.....303 Ionia Ave. S.W., Grand Rapids
Wilkes, John B.....1328 Madison Ave. S.E., Grand Rapids 7
Wilkinson, C. A.....2030 Leonard St. N.W., Grand Rapids
Williams, John R.....1111 Conlon S.E., Grand Rapids 6
Wilson, John R.....1033 Fulton St. W., Grand Rapids
Wilson, Wm. E. (R).....37 Prospect Ave. N.E., Grand Rapids
Winfield, Emery D.....457 Burton S.E., Grand Rapids
Winter, Garrett E.....1967 Godfrey Ave. S.W. Grand Rapids 9
Wright, Thos. B.....2614 Plainfield Ave. N.E., Grand Rapids 8
Wurz, John F.....201 Norwood Ave. S.E., Grand Rapids 6
Wyngaarden, Martin K.....245 State St. S.E., Grand Rapids 3
Yared, Jerome A.....651 Cherry St. S.E., Grand Rapids 6
Zadvinskis, Z.....1451 Grandville S.W., Grand Rapids 9
Zwemer, Rodger J.....1810 Wealthy St. S.E., Grand Rapids

LAPEER COUNTY MEDICAL SOCIETY (110)

Bishop, G. Clare.....Almont
Boruch, Leon R...Drawer A, Lapeer State Home, Lapeer
Buchanan, Thos. K.....Ypsilanti State Hosp., Ypsilanti
Conaway, Chas. E.....746 Monroe St., Lapeer
Dorland, Clarke.....221 Lincoln St., Lapeer
Doty, James R.....315 Clay St., Lapeer
Greavu, Cornell, Jr.....North Branch
Heitsch, Wm. C.....307 Clay St., Lapeer
House, Clifford.....1026 N. Madison, Lapeer
Kiehler, E. G., II.....1444 W. Genesee St., Lapeer
Kocur, Lubomira.....Drawer A, Lapeer
Lebedovych, Emil..Drawer A, Lapeer State Home, Lapeer
Lebedovych, Ksenia.....Drawer A, Lapeer State Home, Lapeer
Leith, Dorothy L.....240 Main St., Imlay City
McBride, John R.....431 Washington St., Lapeer
O'Brien, Daniel J. (L).....100 Cedar St., Lapeer
Panczak, Tamara.....Lapeer State Home, Lapeer
Smith, Ellen.....400 White Road, Rte. #1, Columbiaville
Smith, Glenn L.....6552 Imlay City Rd., Imlay City
Utley, Marvin (A).....Pontiac State Hosp., Pontiac
Zemmer, Harry B.....311 Clay St., Lapeer
Zolliker, Carl R.....Lapeer State Home, Lapeer

LENAWEE COUNTY MEDICAL SOCIETY (114)

Abraham, A. O.....Hudson
Balice, F. W.....128 E. Butler, Adrian
Benz, Carl A.....308 N. Broad St., Adrian
Berghuis, John.....693 Stockford Dr., Adrian
Blanchard, Lowell E.....Hudson
Blanden, Merwin R.....Tecumseh
Boyd, James W.....Bixby Hospital, Adrian
Claxton, Wilbert T.....Britton
Coak, Richard D.....Ford Bldg., Tecumseh
Cook, Carlton L.....W. Chicago Rd., Tecumseh
Dustin, Richard E.....103 W. Brown St., Tecumseh
Eddy, Howard R. C.....Mill Rd., Adrian
Fitzsimmons, Francis J.....128 E. Butler St., Adrian
Friedman, Harvey M.....Addison
Gilkey, Wm. C.....693 Stockford Dr., Adrian
Gilmartin, Richard.....231 N. Main St., Adrian
Greiner, Robert A.....Professional Bldg., Adrian
Hamilton, John D.....Mill Rd., Adrian
Hammel, Richard T.....Tecumseh
Harrison, Robt. E.....418 W. Adrian, Blissfield
Heffron, Chas. H.....231 N. Main St., Adrian
Heffron, C. Harold.....231 N. Main St., Adrian
Heffron, Howard H.....231 N. Main St., Adrian
Helzerman, Ralph F.....112 S. Ottawa St., Tecumseh
Hewes, Wm. H.....Mill Rd., Adrian
Hinshaw, Warren V.....139 N. Main St., Adrian
Isley, Homer E.....410 Benot Court, Blissfield
Locke, Francis A.....767 W. Maumee St., Adrian
Marsh, Roland G. B.....610 W. Logan, Tecumseh
Miller, P. Lynford.....310 E. Maumee St., Adrian
O'Gonner, Archie R.....122 Locust St., Clinton
Parker, Donald A.....4396 Evergreen Dr., Adrian
Patmos, Bernard.....127 E. Maumee St., Adrian
Phelan, Alvin J.....102 S. Pearl St., Tecumseh
Raabe, Elmer C.....Morenci
Rawson, A. P. (A).....(No Address)
Richey, Bert R.....765 Manitou Rd., Manitou Beach
Rogers, John D.....146 Toledo St., Adrian
Sarapo, Donato F.....216 N. Broad St., Adrian
Skufis, Eleanor P.....123 E. Chestnut, Adrian
Skufis, Xenophon.....123 E. Chestnut, Adrian
Stark, Emily S.....573 Front St., Adrian
Stewart, Landis C.....108 Nat'l Bank Bldg., Adrian
Thompson, John R., Jr.....1516 Wellington Rd., Birmingham 9, Alabama
Tubbs, Ray V.....120 E. Adrian, Blissfield
Van Dusen, Chad A. (L).....RFD 5, Blissfield
Wentz, Patricia.....114 Nat'l Bank Bldg., Adrian
Whitehouse, Keith H.....Morenci
Wilson, Geo. C.....Box 224, Clinton
Wisely, John.....Copper Country San., Hancock
Wolf, Marvin B.....118 N. Winter St., Adrian
Wynn, Geo. H.....1115 W. Maumee, Adrian

LIVINGSTON COUNTY MEDICAL SOCIETY (118)

Barton, Thos. A.....116 N. Michigan, Howell
Clarke, Niles A.....624 Spencer Rd., Brighton
Daeppen, Charles R.....Mich. State San., Howell
Duffy, Ray M.....Box 106, Pinckney
Fidler, Wm. F.....Michigan State San., Howell
Green, Walter E.....10008 Marlowe, Detroit 27
Harebottle, Norman.....Fowlerville
Hauer, R. Fred.....Fowlerville
Hendren, Jesse J. (R).....Fowlerville
Higby, Thomas F.....Fowlerville
Hill, Harold C.....116 N. Michigan Ave., Howell
Hoffman, Stanley L.....1200 Byron Rd., Howell
May, Louis E.....924 W. Grand River, Howell
McGregor, Archie J.....Brighton
Nicholas, Mildred V.....Michigan State San, Howell
Perry, Florence J. C.....17640 San Rose Ave., Lathrup Village
Polack, Robt. T.....221 Fowler, Howell
Rogers, Robert P.....2511 Pamela Court, Ann Arbor
Schenden, A. J.....6335 W. M-36, Pinckney
Sheng, Luk H. C.....111 W. Grand River, Brighton
Sigler, Hollis L.....110 N. Michigan Ave., Howell
Wadlund, Robert R.....620 Byron Rd., Howell
Walker, Enos G.....4485 Cordley Lake, Lakeland
Woodworth, Edwin S.....1200 Byron Rd., Howell

LUCE COUNTY MEDICAL SOCIETY (122)

Banach, Alexius.....Newberry State Hosp., Newberry
Gibson, Robt. E. L., Jr.....207 W. John St., Newberry
Grennan, Lawrence E.....210 W. John St., Newberry
Hicks, R. P.....210 W. John, Newberry
Purmort, Wm. R., Jr.....Newberry State Hosp., Newberry
Surrell, Matthew A.....210 W. John St., Newberry
Swanson, Geo. F.....VA Hosp. University & Woodland, Philadelphia, Penn.
Thompson, Thos. W.....Newberry State Hosp., Newberry

MACOMB COUNTY MEDICAL SOCIETY (126)

Adler, Morton W.....19188 Appoline St., Detroit 35
Ambrose, Robt. H.....18801 Ten Mile Rd., Roseville
Audretsch, F. E.....36275 Alfred, New Baltimore
Barker, John G.....8050 Warren Blvd., Center Line
Beecher, Alvin J.....21501 Kelly, East Detroit
Bower, Allen B.....Armada
Brady, Milo J.....22233 11 Mile Rd., St. Clair Shores
Bryce, James W.....25219 Van Dyke Ave., Center Line
Buckley, Daniel J.....160 S. Walnut St., Mount Clemens
Charbeneau, Harold P.....67 Cass Ave., Mount Clemens
Collon, David, D.D.S. (A).....Romeo
Corbett, John....407 Monitor Leader Bldg., Mt. Clemens
Croman, Jos. M., Jr.....115 Cass Ave., Mt. Clemens
Curatolo, Victor.....67 Cass Ave., Mt. Clemens
Curlett, James E. (L).....26765 Gratiot Ave., Roseville
Deal, Harold R.....23700 Van Dyke, Warren
DePaulis, Dario C.....22644 Gratiot, East Detroit
Disney, Charles T.....P.O. Box 56, N. End St., Detroit 2
Dudzinski, Edmund J.....424 Washington St., New Baltimore
Ebner, Charles M.....26401 Harper, St. Clair Shores
Ekelman, Seymour B.....37546 S. Gratiot Ave., Mt. Clemens
Ellias, Elmer P.....23700 Van Dyke, Warren
Engels, John A.....69311 N. Main, Richmond
Finn, James Wm.....45569 Van Dyke, Utica
Fulgenzi, Andrew A...17301 E. 8 Mile Rd., East Detroit
Gesser, Charles.....20914 Kelly Rd., East Detroit
Goldman, Bernard J.....243 S. Gratiot Ave., Mt. Clemens
Hartmann, Waldemar B.....1416 S. Gratiot, Mt. Clemens

Hayes, Robert E.....263 S. Gratiot, Mt. Clemens
Heine, Austin W.....99 S. Gratiot Ave., Mt. Clemens
Isbey, Edward K.....856 Westchester Rd., Grosse Pointe 30
Ivkovich, Peter (A).....12501 E. 23 Mile Rd., Utica
Jacobs, Manuel.....23700 Van Dyke Ave., Warren
Jankoska, R. L.....38222 Apple Grove Ct., Mt. Clemens
Jewell, James H.....Roseville Theatre Bldg., Roseville
Kane, John P.....67 Cass Ave., Mt. Clemens
Kane, Peter V.....67 Cass Ave., Mt. Clemens
Kane, Wm. J.....69 Cass Ave., Mt. Clemens
Kingsley, Joyce W., Jr.....18801 10 Mile Rd., Roseville
Kirker, J. G.....68259 Main St., Richmond
Kirtland, Wm. B., Jr.....18801 E. 10 Mile Rd., Roseville
Klein, Alfred A.....23700 Van Dyke, Warren
Kommel, Richard M.....13134 Talbot, Huntington Woods
Lapp, Charles.....7817 McClellan, Utica
Ledbetter, Rene B.....45439 Klinghammer Dr., Utica
Maguire, Andrew J.....45569 Van Dyke, Utica
Martin, Wm. L.....117 S. Main St., Romeo
Mattes, Max W.....18456 Wildemere, Detroit 21
Matthews, C., Jr.....91 Cass Ave., Mt. Clemens
Maxim, Edward S.....253 S. Gratiot, Mt. Clemens
McGinty, John.....243 S. Gratiot, Mt. Clemens
McMorrow, Kathryn.....15341 9 Mile Rd., East Detroit
Merritt, Jule J.....36640 S. Gratiot Ave., Mt. Clemens
Miller, Sidney S.....22048 Gratiot, East Detroit
Moore, Geo. F.....67 Cass Ave., Mt. Clemens
Morris, Gerald W.....44 S. Gratiot, Mt. Clemens
Mulligan, Philip T.....91 Cass Ave., Mt. Clemens
Nance, Marion E.....16666 14 Mile Rd., Fraser
Nutting, Helen M...22631 Greater Mack, St. Clair Shores
Pacho, Marc.....20727 Universal, East Detroit
Paris, Delmo A.....18801 E. 10 Mile Rd., Roseville
Parmelee, N. H.....26758 Gratiot, Roseville
Perez, Florence.....20727 Universal, East Detroit
Reichman, Jos. J.....67 Cass Ave., Mt. Clemens
Reitzel, Rufus H.....199 S. Gratiot Ave., Mt. Clemens
Reizen, Maurice S.....10564 Ludlow, Huntington Woods
Revere, Jos. O.....192 S. Gratiot Ave., Mt. Clemens
Rinkenberger, E. A. (A).....243 S. Gratiot Ave., Mt. Clemens
Rivard, Chas. L.....20825 Mack Ave., G.P.W., Detroit 36
Rivkin, Jos.....44 S. Gratiot Ave., Mt. Clemens
Rizzo, Albert.....21507 Harper Ave., St. Clair Shores
Romanski, Raymond.....St. Joseph Hosp., Mt. Clemens
Roth, Geo. E.....19136 Mendota Ave., Detroit 21
Rothman, Arthur M.....22422 Gratiot Ave., East Detroit
Rourke, Ronald E...21503 Harper Ave., St. Clair Shores
Rousseau, Daniel L.....610 Monitor Leader Bldg., Mt. Clemens
Ruedisueli, C. A.....19 Breitmeyer Pl., Mt. Clemens
Rush, Wm. E.....25815 Harper, St. Clair Shores
Ryan, Jack.....2214 Beverly Blvd., Berkley
Salot, Russell F.....67 Cass Ave., Mt. Clemens
Scher, Jos. N.....130 Cass Ave., Mt. Clemens
Scher, Sydney (A).....132 Cass Ave., Mt. Clemens
Schmunk, Robert F. .....136 Cass Ave., Mt. Clemens
Siegfried, Edward G.....91 Cass Ave., Mt. Clemens
Sims, Wm. N.....Monitor Leader Bldg., Mt. Clemens
Singer, Nelson.....22100 Gratiot Ave., East Detroit
Smith, Milton C.....60 S. Gratiot Ave., Mt. Clemens
Steinberger, Eugene.....23700 Van Dyke, Warren
Stepka, Joseph E.....7817 McClellan, Utica
Stone, Elizabeth A.....Romeo
Stone, Julius.....51 Cass Ave., Mt. Clemens
Strempek, Walter F.....241 N. Main, Romeo
Stryker, Oscar D.....31032 Jefferson Ave., St. Clair Shores
Sturm, Fredk. A.....76 Lochmoor, Grosse Pointe 36
Suksta, Adolph W.....23250 Gratiot, East Detroit
Suzuki, M.....23700 Van Dyke, Warren
Thompson, Alfred A.....126 Cass Ave., Mt. Clemens
Tinkey, L. Leo.....18811 Ten Mile, Roseville
Trinkaus, Wm. F.....22033 Kelly Road, East Detroit
Weiss, Jack I.....23700 Van Dyke Ave., Warren
Whitley, Alec.....30233 Jefferson Ave., St. Clair Shores
Wiley, D. Bruce.....45310 Van Dyke Ave., Utica
Wilson, Norman R.....31118 Harper Ave., St. Clair Shores
Wyte, Wm. C.....263 S. Gratiot Ave., Mt. Clemens
Yamasaki, Ken.....23700 Van Dyke, Warren
Zavela, Dan.....679 N. Renaud, Grosse Pte. Wds.
Zook, Gilbert E. (A).....309 Monitor Leader Bld., Mt. Clemens

MANISTEE COUNTY MEDICAL SOCIETY (130)

Garneau, Robt. R.....606 N. Gaylord Ave., Ludington
Gunderson, Edw. P., Jr.....Greenbush Street, Manistee
Hansen, Ernest C.....78 Maple St., Manistee
Konopa, John F.....57 Poplar St., Manistee
Lalime, Ruth E. (A).....Bear Lake
Lewis, Lee A. (L).....Manistee
Miller, Ernest B.....326 First St., Manistee
Oakes, Ellery A.....401 River St., Manistee
Ramsdell, Homer A.....398 River St., Manistee
Rosenow, K. G.....326 First St., Manistee
Schwarz, Marlowe L.....Onekama
Schwing, Donald N.....326 First St., Manistee

MARQUETTE-ALGER COUNTY MEDICAL SOCIETY (134)

Acocks, James R.....Morgan Hgts. Sanat., Marquette
Amolsch, Arthur L.....St. Lukes Hosp., Marquette
Bennett, Arthur K. (L).....Box 436, Mt. Dora, Fla.
Bennett, Matthew C.....Medical Building, Marquette
Berry, Robt. F.....Medical Building, Marquette
Bertucci, Jos. P.....114 S. First St., Ishpeming
Bolan, Beatrice.....City Hall, Marquette
Bolitho, Thos. B.....Medical Bldg., Marquette
Carter, James M.....Medical Building, Marquette
Casler, Wilbur L.....131 E. Ridge St., Marquette
Conley, Donal T.....1st Natl. Bank Bldg., Marquette
Cooperstock, Moses.....Medical Building, Marquette
Corcoran, Wm. A.....200 S. Main Street, Ishpeming
D'Adesky, R. G.....125 W. Washington, Marquette
Elzinga, Eugene R.....315 N. Front St., Marquette
Erickson, Douglas W.....Ishpeming Hospital, Ishpeming
Grain, Gerald O.....R.R. 1, Box 928, Marquette
Green, Southgate J.....Gwinn
Harkin, John C.....Nestor Block, Marquette
Hettle, Paul J.....211 Savings Bank Bldg., Marquette
Hornbogen, Danl. P.....101 S. Front St., Marquette
Howe, Lloyd W.....101 S. Front St., Marquette
Huffman, Elston R.....427 W. College, Marquette
Jaedecke, Robt. G.....829 Croix, Negaunee
Kane, Elizabeth D.....418 W. Magnetic, Marquette
Knutson, Geo. O.....829 Croix St., Negaunee
Lambert, Warren C.....Medical Building, Marquette
Lindquist, Leo A.....Medical Building, Marquette
Matthews, Norman L.....N. Mich. Child Clinic, Marquette
Moore, Bert E.....524 Mather St., Ishpeming
Mudge, Wm. A.....108 Ridge St., Negaunee
Narotzky, Archie S.....Miracle Circle, Ishpeming
Paine, Raymond L.....416 Teal Lake Ave., Negaunee
Rosenbaum, Louis.....540 E. Division, Ishpeming
Sabin, Fredk. C.....101 S. Front St., Marquette
Schmidt, Merle C.....Medical Building, Marquette

Schultz, Marvin H.....114 N. Front Street, Marquette
Schweinsberg, Sara K. D. (A).....Box 417, Marquette
Sherwood, Clifford (A).....Holy Cross Hosp., Salt Lake City, Utah
Stein, Paul G. (A)....2306 S. Buchanan, Arlington 6, Va.
Swinton, Andrew L. (L).....101 S. Front St., Marquette
Tearnan, Raymond A.....Munising
Van Riper, Paul (L).....Champion
Williams, Reginald G.....524 Mather St., Ishpeming
Wright, Kenneth C.....Medical Building, Marquette

MASON COUNTY MEDICAL SOCIETY (138)

Bacon, Herbert G., Jr.....101 N. Main, Scottville
Boldyreff, Ephriam B.....Custer
Boon, A. Floyd.....203 N. Ferry, Ludington
Carney, John R.....202 N. Park St., Ludington
Carney, Ruth V. C.....202 N. Park St., Ludington
Castellani, R. J.....P.O. Box 349, Ludington
Clark, Harry L. (L).....510 N. Lakeshore Dr., Ludington
Craymer, Austin.....420 N. Rath, Ludington
Dykstra, Chas. L.....108 East State, Scottville
Hoffman, Howard B.....604 E. Ludington Ave., Ludington
Kleinschmidt, Gladys J.....105 N. Delia, Ludington
Martin, Wm. S.....107 Ludington, Ludington
Morrow, Wm. J.....119 N. James St., Ludington
Ostrander, Robt. A.....121 E. Ludington, Ludington
Paukstis, Chas. A.....111 E. Court St., Ludington
Sutter, Wm. F.....220 S. James St., Ludington

MECOSTA-OSCEOLA-LAKE COUNTY MEDICAL SOCIETY (142)

Bruggema, Jacob.....Main St., Evart
Chess, Leo F.....Reed City
Franklin, Benj. L. (L).....Remus
Haldeman, Jack.....1014 S. State St., Big Rapids
Hickox, Leland A.....1014 S. State St., Big Rapids
Ivkovich, Paul.....Reed City
Kilmer, David N. (A).....c/o P. B. Kilmen, M.D., Reed City
Kilmer, Paul B.....Reed City
Kowaleski, Edward H.....Remus
Lincoln, Norman V.....Reed City
Merlo, Frank A.....206 S. Michigan St., Big Rapids
Nelson, Lorenzo R.....R.F.D. 1, Baldwin
Treynor, Thos. P.....126 E. Maple Ave., Big Rapids
Tyson, James L.....1014 South State St., Big Rapids
Van Auken, Edward W.....229 S. Warren, Big Rapids
Walters, James E.....1014 S. State St., Big Rapids
White, John A.....121 S. Michigan St., Big Rapids

MENOMINEE COUNTY MEDICAL SOCIETY (146)

Agneberg, Nils O.....531 1st St., Menominee
Anderson, N. O. (A).....Anse A Galets, La Gonava Haiti WI
Brukardt, Herman R.....534 First St., Menominee
Clay, Joel W.....1146 10th Ave., Menominee
Dewane, Francis J.....413 10th Ave., Menominee
Flanagan, Clarence B.....623 First St., Menominee
Glickman, L. Grant.....958 First St., Menominee
Gonty, Arthur.....St. Joseph Lloyd Hosp., Menominee
Heidenreich, John R.....Daggett
Hopson, George H.....104 10th Ave., Menominee
Hopson, Patricia C.....104 10th Ave., Menominee
Jones, Wm. S.....1146 10th Ave., Menominee
Jones, Wm. S., Jr.....1146 10th Ave., Menominee
Kerwell, Karm C.....P.O. Box 17, Stephenson
Olson, Robt. C.....104 10th Ave., Menominee
Rogers, Raymond J.....3212 16th Street, Menominee
Towey, John W.....Pinecrest Sanat., Powers

MIDLAND COUNTY MEDICAL SOCIETY (154)

Ashcom, Richard.....110 W. Sugnet, Midland
Athay, R. M. (R).....4622 Concord Ct., Midland
Ballmer, Robt. S.....2715 Ashman St., Midland
Bernier, Jos. A.....218 E. Railway, Sanford
Blackhurst, J. F.....2715 Ashman Street, Midland
Blackhurst, Robt. T.....Blackhurst Bldg., Midland
Bowsher, Robt. E.....2719 Ashman St., Midland
Bridge, Robt. G.....2715 Ashman, Midland
Bulmer, Dan J.....116 Harold St., Midland
Buskirk, Maurice D.....110 W. Sugnet, Midland
Devlin, James A.....115 Jerome, Midland
Ellis, Ruth.....124 Townsend St., Midland
Fields, Dozier N., Jr.....515 W. Main, Midland
Gay, Harold H.....Dow Chemical Co., Midland
Gordon, Harold L.....Dow Chemical Co., Midland
Grant, Robert.....116 Harold St., Midland
Grewe, Norman C.....347 E. Main St., Midland
Gronemeyer, Wm. H.....110 W. Sugnet, Midland
Haberstroh, Colleen.....907 Eastman Rd., Midland
Heffernan, D. D.....402 Dartmouth, Midland
Holder, Benj. B.....Dow Chem. Co. Med. Dept., Midland
Hooper, Virgil R.....4005 Orchard, Midland
Howe, Irvin M.....110 W. Sugnet, Midland
Howell, Richard H.....2719 Ashman, Midland
Ittner, Martin J.....217 N. Saginaw Rd., Midland
Kaasa, Laurin J.....4005 Orchard Dr., Midland
Kramer, Chas. G.....Dow Chemical Co., Midland
Linsenmann, Karl W.....312 E. Main, Midland
Marks, V. A.....2706 Louanna, Midland
Maynard, Wm. A.....208 N. Fourth, Coleman
Meisel, Edward H., Jr.....Masonic Bldg., Midland
Moench, G. Fredk.....401 W. Main St., Midland
O'Hora, Bernard A.....110 W. Sugnet Rd., Midland
Pike, Melvin H.....224 E. Larkin, Midland
Pollock, Robert.....Masonic Bldg., Midland
Poznak, Leonard A.....4005 Orchard Dr., Midland
Randolph, Stephen H.....201 E. Ellsworth St., Midland
Redmon, William B.....115 Jerome, Midland
Schoff, Charles A.....2706 Louanna, Midland
Shriner, John W.....902 E. Ashman, Midland
Stewart, Richard.....Dow Medical Dept., Midland
Towsley, Wilbur D.....515 W. Main St., Midland
Ulmer, George.....4005 Orchard, Midland
Voikos, Geo. A. (M).....308 Harmon AFB, Lubbock, Texas
Willison, Chas. H.....122 Townsend St., Midland
Yobst, G. James.....2719 Ashman, Midland

MONROE COUNTY MEDICAL SOCIETY (158)

Ames, Florence D.....2 W. Noble Ave., Monroe
Barrett, C. D., Sr.....106 E. First St., Monroe
Blakey, Leonard C.....745 N. Monroe St., Monroe
Bond, Wm. W.....4 E. Front St., Monroe
Burroughs, J. J.....745 N. Monroe St., Monroe
Cigany, Zoltan B.....Carleton
Clark, Bruce.....8308 Lewis Ave., Temperance
Douglas, Dale W.....17 E. First St., Monroe
Dranginis, E. J. .....Monroe Hospital Monroe
Ewing, Robt. T.....130 Maple Blvd., Monroe
Flanders, John P.....31 Washington St., Monroe
Frary, Reginald A.....423 E. Elm Ave., Monroe
Freud, John W.....1262 N. Macomb St., Monroe
Hensel, Hilda M.....12 E. 4th St., Monroe
Hnatczuk, Nicholas.....Petersburg
Hunter, Marion A.....35 E. Front St., Monroe
Johnson, A. Esther.....751 N. Monroe St., Monroe
Kelso, Saml. N., Jr.....753 N. Monroe St., Monroe
King, John R.....12 East 4th St., Monroe
Laboe, Edward W.....725 N. Monroe St., Monroe
Lammers, Gerald P.....Ida
Loan, G. B.....429 N. Monroe St., Monroe
Long, Edgar C.....1310 N. Macomb St., Monroe
McGeoch, Reginald W.....718 N. Macomb St., Monroe
McMillin, John H.....423 E. Elm St., Monroe
Meier, Walter A.....106 East Front St., Monroe
Middleton, W. S.....219 W. Front Street, Monroe
Pinkus, Hermann K. B.....12 E. 4th St., Monroe
Reisig, Albert H.....1 S. Monroe St., Monroe
Sabal, James.....8308 Lewis Ave., Temperance
Sanger, Emerson J. J.....530 S. Monroe St., Monroe
Sisman, Bernard.....749 N. Monroe St., Monroe
Stephenson, Diehl, Joy O.....15463 S. Monroe St., Monroe
Streicher, Robt. G.....729 N. Monroe St., Monroe
Tomlinson, Ledyard H.....8702 Main, Newport
Wagar, Spencer H.....31 Washington St., Monroe
Weeks, Vernon L.....326 N. Monroe, Monroe
Wilkins, Rolland W.....757 N. Monroe St., Monroe
Williams, Robt. J.....31 Washington St., Monroe
Williamson, Geo. W.....284 Tecumseh St., Dundee

MUSKEGON COUNTY MEDICAL SOCIETY (162)

Allen, Richard T.....768 W. Broadway, Muskegon Hts.
Alt, William J.....Medical Arts Center, Muskegon
Anderson, Alfred J.....1371 Peck St., Muskegon
Askam, Ralph F.....4120 Nobhill Drive., Muskegon
Atkinson, Annie L.....1019 Green Creek Rd., North Muskegon
August, Ralph V.....72 E. Broadway, Muskegon Hts.
Barnard, Helen S.....33 Diana, Muskegon
Barnes, James W.....102 Professional Bldg., Montague
Benedict, Arthur L., Jr.....22 W. Southern Ave., Muskegon
Bloom, Robt. E.....Medical Arts Center, Muskegon
Bolthouse, Robt. E.....2101 Peck St., Muskegon Hts.
Bond, Wm. H.....1377 Peck St., Muskegon
Boyd, DeVere R.....1735 Peck St., Muskegon
Boyd, Jack L.....1735 Peck St., Muskegon
Bradshaw, Park S.....Medical Arts Center, Muskegon
Bultema, James H.....Medical Arts Center, Muskegon
Busard, J. Max.....1200 Ransom, Muskegon
Carlson, Mr. James C. (A).....2453 Winchester Dr., Muskegon
Chapin, Wm. S. (A).....2136 Sanford, Muskegon Hts.
Christophersen, J. W.....1276 Lake Shore Dr., Muskegon
Clapp, Henry W.....88 Strong Ave., Muskegon
Closz, Harold F.....283 W. Western Ave., Muskegon
Clowater, Robert A.....Muskegon Co. San., Muskegon
Cohan, Sol G.....1114 Second St., Muskegon
Crawford, John W.....Medical Arts Center, Muskegon
Cronick, Anne B.....1067 Pine St., Muskegon
Dart, Dorothy O.....3956 Whitehall Rd., Muskegon
Dasler, Adolph F.....1507 Peck St., Muskegon
De Leeuw, Henry.....4090 Higate Rd., Muskegon
Diskin, Frank.....309 Jackson Ave., Muskegon
Dykhuizen, H. D.....289 W. Western Ave., Muskegon
Ellis, Nicholas J.....1891 Lake Shore Dr., Muskegon
Engstrom, Albert D.....126 W. Colby, Whitehall
Farmer, John C.....Medical Arts Center, Muskegon
Fillingham, Enid.....870 N. Second St., Muskegon
Fleischmann, Chas. B. (L).....250 W. Webster Ave., Muskegon
Fles, Robt. J.....1715 Peck St., Muskegon
Folsom, John D.....1706 Peck St., Muskegon
Frandsen, Philip H.....Medical Arts Center, Muskegon
Fugate, E. M.....Medical Arts Center, Muskegon
Gaikema, Everett W.....605 First St., Muskegon
Garber, Frank W.....235 Monroe Avenue, Muskegon
Garrison, Robt. E., Jr.....126 W. Webster Ave., Muskegon
Giese, Douglas H.....204 Mich. Theatre Bldg., Muskegon
Gillard, James L.....1692 Peck St., Muskegon
Goltz, Martha H. (L).....Montague
Greene, Henry P.....840 Pine St., Muskegon
Griffith, Robt. M.....68 E. Broadway, Muskegon Hts.
Hack, Donald W.....Medical Arts Center, Muskegon
Hanley, Wm. J.....315 W. Clay Ave., Muskegon
Harryman, James E.....1200 Ransom St., Muskegon
Hartwell, Shattuck W.....450 W. Western Ave., Muskegon
Harvey, John G. Klemm.....Mercy Hospital, Muskegon
Heneveld, Edward H.....1603 Peck St., Muskegon
Heneveld, John (R).....Brasstown, N. C.
Heneveld, Robt. G.....Medical Arts Center, Muskegon
Hennessy, Mary E. (A).....1200 Ransom St., Muskegon
Herald, Osbie J.....1075 Jefferson, Muskegon
Holly, Leland E.....876 N. Second St., Muskegon
Holly, Leland E., II.....878 N. Second St., Muskegon
Hopkins, James G.....595 Notre Dame, Grosse Pointe 30
Hornbeck, Wm. J.....1200 Ransom St., Muskegon
Jesson, Robt. M.....1200 Ransom, Muskegon
Johnston, E. H.....878 N. Second St., Muskegon
Joistad, Arthur H., Jr.....878 N. Second St., Muskegon
Kane, Thos. J.....179 Strong Ave., Muskegon
Kay, Cecelia S.....1533 Peck St., Muskegon
Keilin, Marie (L).....307 Liberty Life Bldg., Muskegon
Kerr, Howard J.....1441 Lake Shore Dr., Muskegon
Kislov, Richard.....Medical Arts Center, Muskegon
Kleaveland, Ingram J.....1670 Peck Street, Muskegon
Lange, Eugene W.....337 N. Muskegon Blvd., Muskegon
Lapham, Landon M.....123 W. Colby, Whitehall
Laurin, Vilda S. (L).....Medical Arts Center, Muskegon
Lauretti, Emil J.....Medical Arts Center, Muskegon
LeFevre, Geo. L., Jr.....450 W. Western Ave., Muskegon
LeFevre, Wm. M.....315 W. Clay Ave., Muskegon
Lemmen, Lloyd J.....315 W. Clay Ave., Muskegon
Leonard, Mr. A. T. (A).....1067 Pine St., Muskegon
Loder, Leonel L.....289 W. Western Ave., Muskegon
Lowry, Robt. A.....2336 Peck St., Muskegon Hts.
Maire, Lewis E.....1633 Peck St., Muskegon
Mandeville, C. B.....289 W. Western Ave., Muskegon
Maples, Douglas E.....402 Center St., N. Muskegon
Marrs, Jack Winton.....Med. Arts. Bldg., Muskegon
McDiarmid, D. (A).....2021 Lee S.W., Grand Rapids
McNair, John N.....936 Second St., Muskegon
Medema, Paul E.....1017 Sanford St., Muskegon
Meengs, Marvin B.....1725 Peck St., Muskegon
Miller, Phillip L.....1755 Peck St., Muskegon
Mulder, Lambertus.....Medical Arts Center, Muskegon
Mulligan, Allan W. (R).....123 West Larch Ave., Muskegon
Oden, C. L. A.....Medical Arts Center, Muskegon

Paterson, Lester C.....1095 3rd St., Muskegon
Peterson, Wm. F.....1094 Jefferson St., Muskegon
Pettinga, Frank L.....1603 Peck St., Muskegon
Prentice, Edwin W.....1017 Sanford St., Muskegon
Risk, Robt. D.....1160 Ransom St., Muskegon
Scholle, Norbert W.....2500 Peck St., Muskegon Hts.
Sears, Richard.....36 W. Muskegon Ave., Muskegon
Shebesta, Emil M.....Medical Arts Center, Muskegon
Smith, Robert E.....2327 Southwood, Muskegon
Stubbart, F. James.....2416 Peck St., Muskegon Hts.
Swedenburg, Robt. D.....503 Liberty Life Bldg., Muskegon
Swenson, Leland L.....1706 Peck St., Muskegon
Tellman, H. Clay.....302 Med. Arts Center, Muskegon
Thieme, Siegfried W. (L)....12213 Stafford St., Ravenna
Thornton, Eugene S. (L).....289 W. Western Ave., Muskegon
Toy, Chas. M.....1067 Pine St., Muskegon
Tyler, Wm. H.....1435 Peck St., Muskegon
Vandervelde, C. A.....283 W. Western Ave., Muskegon
Vangelder, Wm. C.....Medical Arts Center, Muskegon
Wagenaar, Edward H.....404 Liberty Life Bldg., Muskegon
White, Warren G., Jr.....1624 Peck St., Muskegon
Wiersma, Silas C.....Medical Arts Center, Muskegon
Wildgen, Bernard C.....Medical Arts Center, Muskegon
Wilke, Carl A. (R).....Box 345, Montague
Williams, Edward V.....2501 Baker St., Muskegon Hts.
Yegge, J. P.....2212 Peck St., Muskegon Hts.
Young, Malcolm C.....1700 Clinton St., Muskegon

NEWAYGO COUNTY MEDICAL SOCIETY (166)

Crowe, Findlay C.....White Cloud
Deur, Theodore R.....Grant
DeYoung, Jess.....111 W. Dayton, Fremont
Emerick, Robt. W.....Gerber Memorial Hosp., Fremont
Geerlings, Lambert J.....20 N. Division St., Fremont
Klein, J. Paul.....P.O. Box 111, Fremont
Masters, Brooker L.....111 W. Dayton, Fremont
Moore, Hugh R.....Newaygo
O'Neill, John W.....Dist. Hlth. Dept. 5, White Cloud
Painter, Robert.....Grant
Paxton, Robt. E.....40 W. Sheridan, Fremont
Pedelty, Norman.....Newaygo
Vanden Berg, Tunis.....20 N. Division Ave., Fremont
Veenschoten, Girard.....Hesperia

MEDICAL SOCIETY OF NORTH CENTRAL COUNTIES (150)

Backe, John C.....6401 N. Fifth Ave., St. Petersburg, Fla.
Barstow, Richard G.....Gaylord
Blaha, Vernon B.....Grayling
Boehm, John D. (R).....West Branch
Clippert, C. G.....308 Michigan Ave., Grayling
Coulter, Keith D.....Box 138, Alden
Crandell, Clare H. (R).....West Branch
Dosch, Paul.....Grayling
Egle, Jos. L.....Northern Mich. TB Sanit., Gaylord
Forney, Fred A. (L).....320 S. Fairlane, Midland
Godfroy, Bernard.....Roscommon
Hasty, Earl A.....West Branch
Hayes, Louis F.....Gaylord
Henig, Benj. E.....Grayling
Howarth, Thos. W.....Gladwin
Jardine, Hugh M.....West Branch
Libke, Robert S.....Gaylord
Oppy, Charles L.....Roscommon
Palm, George W. (A).....Pruddenville
Peckham, Richard C.....Gaylord
Rusak, R. D.....Gladwin
Schaiberger, Geo. L.....West Branch
Stealy, Stanley A.....Grayling
Timreck, Harold A.....Gladwin
Van Oosten, Howard E.....117 Burgess, West Branch
Waltz, Paul.....West Branch
Wiegerink, L. T.....West Branch

NORTHERN MICHIGAN MEDICAL SOCIETY (170)

Allen, Robt. F.....Lockwood Hosp., Petoskey
Alm, Bernard T.....418 Petoskey St., Petoskey
Blum, Benj. B.....Burns Clinic, Petoskey
Burns, Dean C.....Burns Clinic, Petoskey
Cameron, Wm. J. (M).....Mission, Kansas
Conkle, Guy C. (L).....Masonic Bldg., Boyne City
Conklin, Frederic L. (A).....Lockwood Gen. Hosp., Petoskey
Conti, Jos. B.....924 E. Mitchell St., Petoskey
Conway, Wm. S.....Burns Clinic, Petoskey
Crippen, Edward F.....126½ State St., Mancelona
Doerr, Gehard M.....Burns Clinic, Petoskey
Drake, Gerald.....511 Waukazoo, Petoskey
Duffie, Don H. (L).....Central Lake
Elliott, Dean C.....Burns Clinic, Petoskey
Frye, S. A.....Burns Clinic, Petoskey
Grate, Lawrence E.....112 Clinton, Charlevoix
Hegener, Aloysius J.....Burns Clinic, Petoskey
Hodges, Roy W. (L).....Mackinaw City
Kirk, Thomas R.....Burns Clinic, Petoskey
Knecht, Richard A.....226 Park Ave., Petoskey
Larson, Walter E.....456 S. Huron, Cheboygan
Lawrie, Guy K.....Burns Clinic, Petoskey
Lentini, Nicholas.....Cheboygan
Litzenburger, A. F.....411 Pearl St., Boyne City
Martin, Robt. G.....103 Clinton, Charlevoix
Mateskon, Victor S.....Burns Clinic, Petoskey
Mayne, Frederick C. (L).....P.O. Box 387, Cheboygan
McKnight, Robt. D.....Burns Clinic, Petoskey
Mertz, Joanne E.....Burns Clinic, Petoskey
Pearson, Robt. E.....215 Water St., Boyne City
Postle, Jack R.....Burns Clinic, Petoskey
Rauch, Carl T.....420 Riverside Dr., Cheboygan
Reus, Leonard W.....226 Park Ave., Petoskey
Rodger, John R.....Bellaire
Saltonstall, G. B.....112 Clinton St., Charlevoix
Savory, John H.....East Jordan
Smith, James R.....Burns Clinic, Petoskey
Spengler, John R.....Burns Clinic, Petoskey
Stringham, James R. (L).....225 Backus St., Cheboygan
Taylor, Robt. M.....Burns Clinic, Petoskey
Van Dellen, Jerrian.....Water St., East Jordan
Webster, Jean H.....Burns Clinic, Petoskey
Weburg, Kathryn D.....Burns Clinic, Petoskey
Zipf, Charles.....Douglas Lake, Pellston

OAKLAND COUNTY MEDICAL SOCIETY (174)

Abbott, Vernon C.....1405 Pontiac St. Bk., Pontiac
Adair, Robin.....800 S. Adams, Birmingham
Adams, Fredk. M.....800 S. Adams, Birmingham
Albert, Donald G.....1665 Twelve Mile Rd., Berkley
Albrecht, Robt. W.....549 Grixdale, Pontiac
Arnkoff, Harry.....218 Riker Bldg., Pontiac
Arena, Joseph A., Jr.....22928 Woodward Ave., Ferndale
Ashare, Raymond.....212 Riker Bldg., Pontiac
Aulie, Hal G.....420 Washington Sq. Bldg., Royal Oak
Awes, Lorraine E.....1411 Pontiac St. Bk. Bldg., Pontiac
Baier, Kurt (A).....862 Chester, Birmingham
Baker, Frederick A. (R).....4575 Motorway Dr., Pontiac
Bannow, Robt. J.....880 Woodward Ave., Pontiac
Barker, Chas. P.....214 Wabeek Bldg., Birmingham
Barker, Howard B.....880 Woodward Ave., Pontiac
Barnes, Donald J.....1126 S. Woodward, Royal Oak
Barrett, John L.....3600 W. 13 Mile Rd., Royal Oak
Bauer, Bruce D.....22643 Stephenson Hwy., Hazel Park
Bauer, Edward G.....101½ N. Saginaw, Pontiac
Bauer, Ernest W., Sr.....22643 Stephenson Hwy., Hazel Park
Bauer, Ernest W., Jr.....22643 Stephenson Hwy., Hazel Park
Baylis, Shelby M.....538 Riker Bldg., Pontiac
Beattie, Willard G.....127 W. Nine Mile Rd., Ferndale 20
Beaubien, Mark S. (A).....460 S. Glenhurst Dr., Birmingham
Beck, Otto O.....308 Wabeek Bldg., Birmingham
Becker, Anne M. W.....2453 Huntington Dr., San Marino, Calif.
Belknap, Warren F.....1809 S. Main St., Pleasant Ridge
Berberian, G. M. (A).....Pontiac Gen'l Hosp., Pontiac
Berg, Richard H.....133 E. Main St., Stanton
Berg, Richard M.....880 Woodward Ave., Pontiac
Berger, Chas. J.....1413 S. Washington Ave., Royal Oak
Berman, Bernard D.....2953 Glendale, Detroit 38
Blackwell, Leonard H. (A).....34 Turner Ave., St. James, Manitoba, Canada
Blakeney, James R.....17 Utica Rd., Pontiac 11
Blue, Jane.....19125 Hillcrest, Birmingham
Boileau, Thornton I...2075 E. 14 Mile Road, Birmingham
Bookmyer, Robt. M.....1890 Southfield, Birmingham
Boucher, Roman E.....306 S. Washington Ave., Royal Oak
Bowers, Chas. L.....199 Barrington Rd., Pontiac
Brady, Neal C.....18628 Devonshire, Birmingham
Brown, Arnold L.....538 Riker Bldg., Pontiac
Bryant, F. W.....201 Washington Sq. Bldg., Royal Oak
Budd, Alexander S. Z.....3511 Lakecrest Dr., Birmingham
Buehrig, Robert.....5790 M 15, Clarkston
Bullard, R. W., Jr.....5790 M 15, Clarkston
Burger, John H.....1775 E. 14 Mile Rd., Birmingham
Burgess, Chas. M.....23235 Woodward Ave., Ferndale 20
Burke, Chauncey G.....35 W. Huron St., Pontiac
Butler, Saml. A. (L).....Pontiac State Hosp., Pontiac
Byberg, Robt. A.....420 Washington Sq., Bldg., Royal Oak
Bylsma, Glenn Wm.....461 W. Huron St., Pontiac
Cabrera, Wm. P. (A).....420 Washington Square Bldg., Royal Oak
Calhoun, Ethel T.....707 Lakeview Ave., Birmingham
Calkins, Edwin A.....37 W. Flint St., Lake Orion
Campbell, K. N.....22928 Woodward Ave., Ferndale
Campbell, Malcolm D.....216 Washington Sq. Bldg., Royal Oak
Carpenter, G. B., Jr.....622 N. Woodward, Birmingham
Carrow, Joyce M.....35 W. Huron St., Pontiac 14
Cefai, Anthony F.....310 Pontiac St. Bank, Pontiac
Chandler, Douglas.....1890 Southfield Rd., Birmingham
Chandler, Jos. H.....1401 S. Washington, Royal Oak
Cheng, James T.....7350 Cooley Lake Rd., Pontiac
Childers, Merle A.....320 Walnut, Rochester
Christensen, Willis L.....109 W. 11 Mile Rd., Royal Oak
Clarke, Harriet A.....130 Seminole, Pontiac
Cline, Alan L.....4299 Roseberry, Drayton Plains
Cobb, Thos. H.....880 Woodward Ave., Pontiac
Cohen, Jack J.....18019 Greenfield Rd., Detroit 35
Cohen, Lewis.....26602 Dundee Rd., Huntington Woods
Collins, Edward F., Jr.....35 W. Huron St., Pontiac
Condon, Frank J.....2401 E. Fourth, Royal Oak
Conner, Edward D.....3856 S. Miller Way, Birmingham
Conrad, Cecil D.....3027 N. Woodward Ave., Royal Oak
Cooley, Roy V.....318 S. Blvd. West, Pontiac
Cooper, Robt. J.....35 W. Huron St., Pontiac 15
Cooper, Robt. S.....3027 N. Woodward Ave., Royal Oak
Corrigan, K. E., Ph.D. (A).....Wm. Beaumont Hospital, Royal Oak
Coucke, Henry O.....1148 S. Woodward Ave., Royal Oak
Crissman, Howell C.....22748 Woodward Ave., Ferndale 20
Crum, Roger E.....440 Riker Bldg., Pontiac
Cudney, Ethan B.....159 Marlborough, Pontiac
Cutler, Wm. M.....800 S. Adams, Birmingham
Dahlgren, Carl W.....3023 Orchard Lake, Keego Harbor
Darling, C. G., Jr.....880 Woodward Ave., Pontiac
Darmstaetter, A. A., Jr.....227 Briggs Bldg., Birmingham
Dayton, Richard C.....114 W. University Dr., Rochester
Decker, Wm. A.....Pontiac State Hosp., Pontiac
Deighton, Murray N.....32316 Grand River, Farmington
De Jongh, Edwin.....Pontiac Motor Div. GMC, Pontiac
Delaney, Malcolm J.....32316 Grand River, Farmington
De Lawter, Hilbert H.....277 Pierce St., Birmingham
Deutsch, Wm. L.....600 W. 11 Mile Rd., Royal Oak
De Vito, H. Louis.....4011 Baybrook Dr., Drayton Plains
Dobski, Edwin J.....880 Woodward Ave., Pontiac
Doerr, Louis E., Jr.....1413 S. Washington, Royal Oak
Donnelly, Wm. J.....246 S. Telegraph Rd., Pontiac
Dorsey, John M., Jr.....1890 Southfield, Birmingham
Drew, Dale R.....880 Woodward, Pontiac
Dunlap, Gregg L.....2870 Orchard Lake Rd., Keego Harbor
Dunn, Lewis E.....3924 12 Mile Rd., Berkley
Durak, Gerald G.....1809 S. Main St., Pleasant Ridge
Durocher, Normand E.....28 N. Saginaw St., Pontiac
Dustin, Robt. W.....498 Merritt Lane, Birmingham
Ekelund, Clifford T.....35 W. Huron St., Pontiac
Elder, Edward E., Jr.....1116 Voorheis, Pontiac
Endress, Zachary F., Jr.....440 Riker Bldg., Pontiac
Engel, John B. (R).....235 Linden Rd., Birmingham
Ensroth, Jack F.....1100 N. Woodward, Birmingham
Ervanian, Alexander.....114 E. Hickory Grove Rd., Bloomfield Hills
Esslinger, John O.....622 N. Woodward Ave., Birmingham
Evseeff, Geo. S.....2685 Amberley Rd., Birmingham
Farnham, Lucius A. (L).....622 Riker Bldg., Pontiac
Ferris, Ralph G.....55 W. Maple Ave., Birmingham
Fink, L. Jerome.....28 N. Saginaw St., Pontiac 11
Fitzpatrick, F. J.....92 Spokane Dr., Pontiac
Flaharty, Wm. J.....25000 W. Ten Mile, Southfield
Flick, John R.....120 W. Second St., Royal Oak
Forest, Jean L. (A).....St. Joseph Mercy Hosp., Pontiac
Fournier, F. E.....Northville State Hosp., Northville
Fox, Ralph M.....855 Ridgewood Rd., Bloomfield Hills
Furlong, Harold A.....940 Riker Bldg., Pontiac
Gaba, Howard B.....17328 Ohio, Detroit 21
Gaber, Ben.....10851 W. 10 Mile Rd., Oak Park 37
Gadbaw, Jos. J.....23607 Farmington Rd., Farmington
Gaensbauer, Ferdinand.....127 Illinois St., Pontiac
Gagliardi, R. A.....880 Woodward Ave., Pontiac
Galpin, Richard R.....525 Southfield Rd., Birmingham
Garber, Max J.....23603 Farmington, Farmington
Gariepy, Bernard F.....120 West 11 Mile Rd., Royal Oak
Gates, Edward M.....35 W. Huron St., Pontiac
Gatley, Cleo R.....97 N. Perry St., Pontiac
Gatley, Leslie W.....97 N. Perry St., Pontiac 14
Gehringer, Norman F.....880 Woodward, Pontiac
Geib, Ormond D.....133 Walnut, Rochester
Geist, Edgar J., Jr.....413 Woodward St., Rochester
Gell, James W.....35 W. Huron St., Pontiac
Gelstein, Lazaro.....45 West Huron St., Pontiac
Gerls, Frank B. (L).....602 Pontiac Bank Bldg., Pontiac
Gibson, James C. (L).....432 Union St., Milford

Gibson, Wellington C.....216 E. Commerce, Milford
Gill, Matthew J.....3115 Franklin Rd., Bloomfield Hills
Glen, Harold.....26559 Grand River, Detroit 40
Goerner, Dorothy M. (A)....1500 Henrietta, Birmingham
Goldstein, Herbert....22100 Coolidge Hwy., Oak Park 37
Goode, Norman J., Jr.....1117 S. Washington Ave., Royal Oak
Gordon, Clayton H.....1099 Cranbrook Rd., Birmingham
Gradolph, Paul L.....23338 Woodward Ave., Ferndale 20
Grant, Wm. A. (L).....204 Hickory, Milford
Gray, Murray H.....22100 Coolidge, Oak Park 37
Green, J. Donald .....217 Briggs Bldg., Birmingham
Green, Ralph S.....24100 Stratford, Oak Park 37
Green, Willard M.....28 N. Saginaw, Pontiac
Grekin, Thos. D.....603 W. 11 Mile Rd., Royal Oak
Gustafson, Everette.....35 W. Huron St., Pontiac
Gutterman, Meyer A.....25085 Coolidge Hwy., Oak Park 37

Haanes, Merle A.....704 Pontiac Bank Bldg., Pontiac
Hackett, Danl. J.....782 Owego Dr., Pontiac
Hagman, George L. (L).....3615 Hunter, Royal Oak
Hague, Gilbert W.....739 Westview Rd., Bloomfield Hills
Halsted, Lee H.....32440 Grand River Ave., Farmington
Hammonds, Everett E.....208 Wabeek Bldg., Birmingham
Han, Maolin.....3358 Auburn Rd., Auburn Heights
Hardy, Geo. C. (L).....240 Oak Lane, Rte. #2, Rochester
Harmon, Lewis G.....1775 E. 14 Mile Rd., Birmingham
Harvey, Campbell (L).....35 W. Huron St., Pontiac 15
Hassberger, John B.....620 N. Woodward Ave., Birmingham
Hathaway, Wm. S.....433½ Main, Rochester
Hayden, H. S., Ph.D., (A).....Wm. Beaumont Hospital, Royal Oak
Henderson, Worth W.....1307 S. Washington, Royal Oak
Henderson, James E.....765 Oakleigh Drive, Bloomfield Hills
Hendren, Owen S.....1408 Pontiac Bank Bldg., Pontiac 14
Henry, Colonel R.....125 W. Nine Mile, Ferndale
Hensley, Chas. B.....248 S. Broadway, Lake Orion
Hershey, Lynn N.....1100 N. Woodward, Birmingham
Hoekman, Aben.....1740 Hamilton Dr., Rte. 3, Pontiac
Hopkins, Melvin, Jr.....900 Baldwin Ave., Pontiac 11
Hoyt, Donald F.....28 N. Saginaw St., Pontiac 14
Hruschka, Myroslaw.....Pontiac State Hosp., Pontiac
Hubert, John R.....880 Woodward Ave., Pontiac 14
Hull, Robt. P. (A).....2109 Northwood Blvd., Royal Oak

Ignatius, Aram A.....1915 E. Nine Mile Rd., Ferndale 20

Jacobi, Rodman C.....37 N. Washington, Oxford
James, Robt. E., Jr.....246 S. Telegraph, Pontiac
Jenkins, Henry L.....29 Orchard Lake Ave., Pontiac

Katz, Sidney F.....17350 Dorset, Detroit 35
Kay, Sherman A.....1026 S. Washington, Royal Oak
Kazdan, Louis L.....13801 W. Nine Mile Rd., Oak Park 37
Keeffe, Eugene J.....880 Woodward Ave., Pontiac
Kemp, Felix J.....880 Woodward Ave., Pontiac
Kemp, W. Lloyd.....525 Southfield Rd., Birmingham
Kendrick, H. F., Jr.....35 W. Huron St., Pontiac
Ketchum, Jesse.....4219 Manor Avenue, Royal Oak
Klewicki, H. A.....22720 Woodward, Ferndale 20
Koehler, Wm. H.....4416 Far Hill Dr., Birmingham
Koltonow, Lawrence.....The Haven San., Rochester
Kozlow, Clifford S.....4274 N. Woodward, Royal Oak
Kozlow, Louise E. Ange..4274 N. Woodward, Royal Oak
Kozonis, Michael C.....28 N. Saginaw St., Pontiac
Krane, Mark (A).....St. Joseph Mercy Hosp., Pontiac
Kripke, Morton J.....2635 Coolidge, Berkley
Kuhel, Eli H.....24764 Southfield Rd., Southfield
Kuhn, Anne C.....4274 N. Woodward, Royal Oak
Kuhn, Henry H.....817 E. Eight Mile Rd., Hazel Park
Kuhn, Robt. E.....4203 W. 13 Mile, Royal Oak
Kurnetz, Ruben.....10851 W. 10 Mile Rd., Oak Park

LaCore, Ivan A.....622 Riker Bldg., Pontiac
Ladd, James E.....1100 N. Woodward, Birmingham
Lahti, Paul T.....3600 W. 13 Mile Rd., Royal Oak

Lakke, Gordon W. (A).....St. Joseph Mercy Hosp., Pontiac
Lamarche, Norman O.....2827 Woodward, Berkley
Lambert, Alvin G.....3027 Woodward, Royal Oak
Lambie, John S. (L).....280 Aspen Rd., Birmingham
Landry, Roy A.....Clarkston Prof. Center, Clarkston
Larson, Alvin R.....880 Woodward Ave., Pontiac
Laux, Philip J., Jr.....3027 N. Woodward, Royal Oak
Leach, Chas. A., Jr.....525 Southfield Rd., Birmingham
Leahy, Etta Link.....600 11 Mile Rd., Berkley
Leichtman, R. R. (A).....461 W. Huron St., Pontiac
Levine, Bernard.....25835 Parkwood, Huntington Woods
Lewis, Sol M.....541 W. Oakridge, Ferndale
Lichtwardt, Harry E.....247 N. Hunter Blvd., Birmingham
Lichtwardt, John R.....247 N. Hunter Blvd., Birmingham
Ling, T. W.....23607 Farmington Rd., Farmington
Linn, Herman J.....3601 W. 13 Mile Rd., Royal Oak
Lockwood, Clement E. (L).....113 Martha St., Holly
Longyear, Harold W.....3019 N. Woodward, Royal Oak
Lowery, Anthony J.....1538 Union Lake Rd., Pontiac
Lussos, A. S.....70 Bloomfield Terrace, Pontiac
Lutes, Byron B.....1401 S. Washington Ave., Royal Oak
Lyons, Robt. T.....336 Riker Bldg., Pontiac
Manz, Howard N.....23607 Farmington Rd., Farmington
Marcotte, Oliver J.....25000 W. 10 Mile Rd., Southfield
Margrave, Edmund D.....306 W. 10 Mile Rd., Royal Oak
Margulis, R. Ralph.....1100 N. Woodward Ave., Birmingham
Mark, Hansi.....21934 Stephenson Hwy., Hazel Park
Markley, John M.....655 Ridge Rd., Bloomfield Hills
Marra, John J.....461 W. Huron St., Pontiac
Martin, Francis A.....880 Woodward, Pontiac
Mason, Robt. J.....618 N. Woodward Ave., Birmingham Birmingham
Mathes, Chas. J.....24414 Farmington Rd., Farmington
McCain, French H.....628 N. Woodward Ave., Birmingham
McCandliss, D. H.....1030 Riker Bldg., Pontiac
McConkie, James P.....2425 W. Lincoln, Birmingham
McElroy, Wm. J., Jr.....420 East Fourth St., Royal Oak
McEvoy, Francis J.....1715 Crooks Rd., Royal Oak
McHugh, James M.....20131 James Couzens, Detroit 35
McInerney, Thos. S.....2026 Laurome, Royal Oak
McIntyre, Kenneth E.....779 Grand Marais, Grosse Pte. Park
McLaughlin, J. H.....614 North Woodward, Birmingham
McNeill, Howard H.....83½ S. Saginaw, Pontiac 14
McPhee, Edward C.....880 Woodward, Pontiac
McWhirter, W. W.....1401 S. Washington Ave., Royal Oak
Mehas, Constantine P.....300 Hickory Grove, Bloomfield Hills
Meinke, Herman A.....817 E. Eight Mile Rd., Hazel Park
Meisner, Harry E.....25497 Hereford, Huntington Wds.
Mercer, Frank A.....28 N. Saginaw St., Pontiac
Merrill, Lionel N. (R).....Box 125, Naubinway
Milgrom, Sidney.....1229 S. Washington St., Royal Oak
Miller, Arthur C.....17988 Buckingham, Birmingham
Miller, Hazen L.....306 S. Washington Ave., Royal Oak
Miller, Hubert.....20233 Sorrento, Detroit 35
Miller, Sidney.....800 S. Adams, Birmingham
Mimura, James T.....1401 S. Washington, Royal Oak
Mitchell, Burton M. (R)....1600 Inverness Ave., Pontiac
Moloney, James C.....240 Daines, Birmingham
Monroe, John D.....1070 N. Telegraph Rd., Pontiac
Montgomery, J. C.....25717 Coolidge, Oak Park 37
Morin, Leonard A.....13300 Oak Crest Court, Oak Park 37
Mueller, Elmer J.....1775 E. 14 Mile, Birmingham
Mumby, Clinton J.....1115 Pontiac Bank Bldg., Pontiac
Munson, Harry L.....Mackenzie Clinic, Walled Lake
Murguz, Atalay M.....1625 E. Fourth, Royal Oak
Nalepa, Eugene J.....880 Woodward Ave., Pontiac
Naz, John F.....5790 M 15, Clarkston
Nessel, Jack H.....35 W. Huron St., Pontiac
Newcomb, Arnold B.....19834 Riverside Dr., Birmingham
Newlander, W. O.....28119 John R Street, Madison Hts.
Nichamin, Samuel J.....25085 Coolidge Hwy., Oak Park
Nickerson, Ivey D.....6245 Golfview Dr., Birmingham

Niederluecke, D. C.....1402 State Bank Bldg., Pontiac
Nosanchuk, Jos. I.....28 N. Saginaw St., Pontiac
Obenauf, Walter H.....Box A, Pontiac
O'Donnell, C. H.....23338 Woodward Ave., Ferndale 20
Oliphant, Wm. W.....37 W. Flint St., Lake Orion
Olsen, Richard E.....900 Woodward Ave., Pontiac
Ormond, John K. (L).....880 Woodward, Pontiac
Ott, Harold A.....3019 N. Woodward, Royal Oak

Palmer, Hayden D.....35 W. Huron St., Pontiac
Patrick, Chas. I.....4721 Dixie Hwy., Drayton Plains
Pauli, Theodore H.....35 W. Huron St., Pontiac 14
Payton, Chas. F.....1719 Crooks Rd., Royal Oak
Pear, Erwin G.....3027 N. Woodward Ave., Royal Oak
Pearce, James F.....306 S. Washington Ave., Royal Oak
Peeke, Edwin S. (A).....VA Hospital, Dallas 16, Texas
Peirce, Wm. H.....600 N. Woodward, Birmingham
Pelletier, Chas. J.....1111 N. Campbell, Royal Oak
Petroff, Geo. N.....219 Cherokee Dr., Pontiac
Petz, Arthur I.....25000 W. Ten Mile, Southfield
Pool, Robert, Jr.....451 N. Eton, Apt. E 3, Birmingham
Porter, Kenneth F.....2709 Bradway Blvd., Birmingham
Ports, Preston W.....33108 Grand River Ave., Farmington
Poznanski, W. A.....1100 N. Woodward Ave., Birmingham
Prather, Frank W.....347 N. Main, Milford
Prevette, Isaac C.....10 W. Huron St., Pontiac 14
Pridmore, John.....493 Tilmor Dr., Pontiac

Quarton, Albert E., Jr.....542 Pilgrim Rd., Birmingham
Quinn, James R., Jr.....2070 W. Valley Rd., Bloomfield Hills

Ranney, Kenneth I.....1100 N. Woodward, Birmingham
Raynale, George P. (L).....302 Wabeek Bldg., Birmingham
Read, James A.....610 N. Woodward, Birmingham
Rech, Wm. R.....Mackenzie Clinic, Walled Lake
Reid, Fred T.....49 W. 14 Mile Rd., Clawson
Reutter, Carolyn.....1250 Mauer, Pontiac
Richard, Robert E.....1719 Crooks Rd., Royal Oak
Richardson, Robt. P.....25717 Coolidge, Oak Park 37
Riggs, Harry L.....31 Orchard Lake Ave., Pontiac
Riker, Aaron D.....35 W. Huron St., Pontiac
Roehm, Harold R.....319 Wabeek Bldg., Birmingham
Rowley, Laurie G.....4400 Dixie Highway, Drayton Plains
Rupp, Edson G., Jr.....1775 E. 14 Mile, Birmingham
Rush, Alva D., Jr.....391 Hamilton, Birmingham
Ruskin, David S.....26021 Coolidge Hwy., Oak Park 37
Russell, Vincent P.....324 Washington Sq. Bldg., Royal Oak
Rutzky, Julius.....St. Joseph Mercy Hosp., Pontiac
Ruva, Jos. J.....4463 Dixie Hwy., Drayton Plains

St. John, Harold A.....35 West Huron St., Pontiac 15
Salisbury, C S.....21580 Greenfield, Oak Park 37
Samborski, Anne H.....32316 Grand River, Farmington
Sanford, Glenn A.....1080 W. Huron, Pontiac
Sansone, Thos. J.....413 Woodward St., Rochester
Satersmoen, Theodore.....Pontiac State Hosp., Pontiac
Schirle, Jos. L.....1116 Voorheis Rd., Pontiac
Schlecte, Eve L.....120 Second Ave., Rochester
Schlecte, I. Carl.....120 Second Ave., Rochester
Schmitt, Phillip E.....1775 E. 14 Mile, Birmingham
Schoenfeld, Robt. J.....316 Wabeek Bldg., Birmingham
Scholes, Danl. R.....277 Pierce St., Birmingham
Schorling, Otis W.....815 Main, Rochester
Schuneman, Howard A.....23760 Woodward Ave., Pleasant Ridge
Seaborn, Arthur J.....1413 S. Washington Ave., Royal Oak
Segula, Robt. L.....35 W. Huron St., Pontiac 15
Selman, John H.....3306 Auburn Rd., Auburn Heights
Selman, Robt.....65 Blmfld. Terr. Apts., Pontiac 19
Sempere, Chas. R.....522 Riker Bldg., Pontiac
Sewell, Geo. R.....6181 Indianwood Trail, Birmingham
Shadley, Maxwell L.....94 Ottawa Dr., Pontiac
Shea, James Joseph.....440 Riker Bldg., Pontiac
Sheffield, Loren C.....35 W. Huron, Pontiac
Sheridan, Francis M.....1307 S. Washington St., Royal Oak
Siffring, Loren W.....114 W. University Dr., Rochester
Simpson, Edward K. (L).....2 Sunset Avenue, Chatham, Ont., Canada
Simpson, John R.....800 S. Adams, Birmingham
Smith, Carleton A.....822 Riker Bldg., Pontiac
Smith, Donald S.....135 Wenonah Dr., Pontiac
Smith, Geo. E.....629 Washington Sq. Bldg., Royal Oak
Snyder, Arthur M.....23200 Woodward Ave., Ferndale 20
Somers, Donald C.....2338 N. Woodward Ave., Royal Oak
Somerville, Wm. J.....145 Cambridge, Pleasant Ridge
Sosin, Allen.....23603 Farmington Rd., Farmington
Spademan, Loren C.....484 Warren Court, Birmingham
Spencer, Lloyd H.....1219 S. Washington Ave., Royal Oak
Spoehr, Eugene L.....22832 Woodward Ave., Ferndale 20
Spohn, Earle W.....201 S. Center St., Royal Oak
Stageman, John C.....28 N. Saginaw St., Pontiac
Stahl, Harold F.....850 Lapeer Rd., Oxford
Stanley, Wm. F.....1148 S. Woodward, Royal Oak
Starker, Clarence T. (L).....80 E. Iroquois Rd., Pontiac
Steffes, Everette M.....3345 Coolidge Highway, Berkley
Steinberg, Norman N.....1223 S. Washington Ave., Royal Oak
Stolpman, A. Kenneth....640 N. Woodward, Birmingham
Stratton, Donald P.....3601 W. 13 Mile Rd., Royal Oak
Stuecheli, Milton B.....1084 Willow Lane, Birmingham
Sutton, Palmer E.....30153 Bristol Lane, Birmingham 5
Swickle, Edward F.....17 S. Main, Clawson
Szappanyos, Bela.....2480 W. Maple, Birmingham
Tauber, Abraham.....28 N. Saginaw St., Pontiac
Teshima, John Y.....22720 Woodward Ave., Ferndale 20
Touma, Alfred.....735 S. Washington, Royal Oak
Trumpour, Donald J.....414 Main St., Rochester
Ulgenalp, Attila O. (A).....Bloomfield Ter., Apt. 60 Pontiac
Urwiller, K. L.....1772 Taunton, Birmingham
Vanden Berg, Kenneth.....35 W. Huron St., Pontiac
Van Zoeren, Jay J.....937 Rock String Rd., Birmingham
Vaught, Richard K.....2009 Crooks Rd., Royal Oak
Virga, Geo. M.....715 N. Main St., Royal Oak
Wagner, Ruth E.....201 W. 11 Mile Rd., Royal Oak
Wake, Douglas L.....1406 Woodsboro, Royal Oak
Wangner, William F.....1401 S. Washington, Royal Oak
Ward, W. Paul.....6631 Castle Drive, Birmingham
Warner, Fredk. O.....3245 Sashabaw Rd., Drayton Plains
Watson, Thos. Y.....640 N. Woodward, Birmingham
Weaver, Arthur.....809 Pontiac State Bank Bldg., Pontiac
Webber, Lynn F.....7350 Cooley Lake Road, Pontiac
Wegrzyn, George C.....2556 Endsleigh Dr., Birmingham
Weidner, John H.....2075 E. 14 Mile, Birmingham
Wendling, Dieter.....1401 S. Washington, Royal Oak
Wessels, Robt. R.....302 Wabeek Bldg., Birmingham
Westfall, Edwin J.....1665 12 Mile Rd., Berkley
Westmaas, Wm. J.....364 Roanoke St., Birmingham
White, R. Hamilton.....384 Hamilton Ave., Birmingham
Wiant, John L.....258 Riggs Bldg., Birmingham
Wigent, Ralph D.....809 Pontiac St. Bk. Bldg., Pontiac
Williams, Chas. R.....13108 Balfour Rd., Huntington Woods
Williams, John P.....28 N. Saginaw, Pontiac 14
Willis, Maurice E.....28 N. Saginaw, Pontiac 14
Willis, Robt. L., Jr.....Wm. Beaumont Hosp., Royal Oak
Wilson, Albert C.....240 W. Daines, Birmingham
Woodward, Robert D.....1100 N. Woodward Ave., Birmingham
Ylvisaker, John R.....880 Woodward Ave., Pontiac
Young, Arthur R.....35 W. Huron St., Pontiac 15
Ytshar, Zwi H.....25000 W. Ten Mile, Southfield
Zackheim, Herschel S.....13102 Talbot, Huntington Woods
Zimmerman, Walter J.....32340 Sylvan Lane, Birmingham
Zinterhofer, J. J., Jr.....27621 Santa Barbara Dr., Lathrup Village
Zujko, Alphonse J.....880 Woodward, Pontiac

OCEANA COUNTY MEDICAL SOCIETY (178)

Davis, Linford J.....315 State St., Hart
Diehl, Clarence E., Jr.....204 N. Michigan Ave., Shelby
Flint, Chas. H. (A).....Box 790, Thermopolis, Wyo.
Hasty, Willis A.....405 State St., Shelby
Mullen, Warren R.....Pentwater
Robinson, Wm. G.....219 State St., Hart
Vrbanac, John J.....R.R. 1, Hart
Wood, Merle G.....19 Courtland St., Hart

ONTONAGON COUNTY MEDICAL SOCIETY (182)

Archibald, Donald H.....Box 223, Ontonagon
Bender, Jesse L. (L).....Greenland
Hogue, Harold B.....Ewen State Bank Bldg., Ewen
Lahti, Carl R.....800 Zinc St., Ontonagon
Strong, Wm. F.....River St., Ontonagon
Vilardo, Ross.....White Pine

OTTAWA COUNTY MEDICAL SOCIETY (186)

Arendshorst, Wm.....121 W. 24 St., Holland
Basel, Arthur R.....41001 Seven Mile Rd., Northville
Bazuin, Chas. H.....313 N. River Ave., Holland
Beernink, Ernest H.....408 Fulton St., Grand Haven
Bloemendaal, Dirk C.....351 N. Main St., Zeeland
Bloemendal, W. B.....224 Washington St., Grand Haven
Boersma, Vernon L.....121 W. 24 St., Holland
Bonzelaar, Alvin.....788 Columbia, Holland
Boone, Cornelius E.....22 E. Central Ave., Zeeland
Bulthuis, Jerry E.....Jamestown
Clark, Nelson H.....17 W. 10th St., Holland
Cook, Carl S.....121 W. 24th St., Holland
DeVries, Harold G.....30 E. 9th St., Holland
DeVries, Peter J.....214 Washington St., Grand Haven
DeYoung, Fredk. W.....Spring Lake
Endean, Donald H.....121 W. 24th St., Holland
Frieswyk, Melvin J.....241 E. Main St., Zeeland
Groat, Frank L.....631 Franklin St., Grand Haven
Hager, Ralph .....Hudsonville
Hamelink, Marinus H.....700 W. 26th St., Holland
Harms, Herman P.....17 W. 10th St., Holland
Heard, Wm.....504 Park St., Grand Haven
Kearney, Jos. B.....121 W. 24th St., Holland
Kemme, Gerrit J.....R. No. 3, Zeeland
Kitchel, John H.....414 Franklin St., Grand Haven
Kitchel, Mary F. S.....414 Franklin St., Grand Haven
Kools, Wm. C.....194 W. 11th St., Holland
Kuipers, Siebe W.....93 E. 29th, Holland
Long, Chas. E. (L).....222 Franklin St., Grand Haven
McArthur, Peter A.....414 Franklin, Grand Haven
Moerdyk, Wm. J.....120 W. 14th St., Holland
Nykamp, Russel R.....111 E. Main St., Zeeland
Post, J. Jay.....Allendale
Rottschaefer, Wm.....17 W. 10th St., Holland
Rypkema, Willard M.....228 Washington, Grand Haven
Schaftenaar, R. H.....86 E. 28th St., Holland
Smit, George J.....Holland
Smit, Henry .....Hamilton
Stobbelaar, Robt. H.....107 S. Second, Grand Haven
Ten Have, Ralph.....1030 Orchard, Grand Haven
Ten Pas, Henry W.....293 W. 29th St., Holland
Timmerman, Eugene C.....Coopersville
Van Appledorn, C. J.....99 W. 23rd St., Holland
Vander Berg, Edwin E.....17 W. 10th St., Holland
Van der Velde, Otto.....33 W. Eighth, Holland
Vande Waa, Alfred J.....200 E. Main St., Zeeland
Van Kolken, P. J.....509 Franklin Ave., Grand Haven
Veenstra, Bernard M.....Grand Haven
Ver Duin, John W.....223 Washington, Grand Haven
Verkaik, Peter .....Hudsonville
Wells, Kenneth N. (A)..119 W. Savidge St., Spring Lake
Westrate, Warren K.....17 W. 10th St., Holland
Westrate, Wm., Jr.....17 W. 10th St., Holland
Westrate, Wm., Sr.....17 W. 10th St., Holland
Winter, John K.....726 State St., Holland
Winter, Wm. G., Jr.....630 State St., Holland
Yff, John H.....511 E. Central, Zeeland
Yonkman, Fredk. F.....58 Pomeroy Rd., Madison, N. J.

SAGINAW COUNTY MEDICAL SOCIETY (190)

Ackerman, Gerald L.....124 S. Jefferson Ave., Saginaw
Albers, Millard J.....1227 N. Michigan Ave., Saginaw
Anderson, Wm. K.....845 St. Andrews Rd., Saginaw
App, Robt. G.....520 W. Genesee Ave., Saginaw
Bagley, Ulysses S. (R).....1401½ N. 6th St., Saginaw
Baker, Ophelia P.....125 Church St., Freeland
Baker, Thomas A.....125 Church St., Freeland
Bass, Vernon V.....826 N. Michigan Ave., Saginaw
Bellinger, Don H., D.D.S. (A).....501 2nd Nat'l Bank Bldg., Saginaw
Berberovich, Thos. F.....2005 N. Michigan St., Saginaw
Bishop, Harry M.....515 S. Jefferson Ave., Saginaw
Bratrud, T. E.....29 W. Hannum Blvd., Saginaw
Brender, Friedrich P.....Frankenmuth
Bruggers, Laurence.....1703 N. Michigan Ave., Saginaw
Bucklin, Robt. V.....1447 N. Harrison St., Saginaw
Bullington, Bert M.....2000 Court St., Saginaw
Burnett, Quinter M.....1714 Union St., Saginaw
Busch, Frank J.....1731 N. Michigan St., Saginaw
Butler, Milton G.....502 S. Jefferson Ave., Saginaw
Cady, Donald J.....2002 Court St., Saginaw
Cady, Fredk. J., Jr.....402 S. Jefferson Ave., Saginaw
Cady, Fredk. J.....402 S. Jefferson Ave., Saginaw
Cameron, Allan K.....1314 S. Jefferson Ave., Saginaw
Campbell, Lloyd A. (R).....335 Brockway Pl., Saginaw
Caumartin, Hugh T.....1537 S. Washington Ave., Saginaw
Chisena, Peter R.....6221 Dixie, Bridgeport
Choate, Frances S.....1213 N. Michigan Ave., Saginaw
Claytor, Archer A.....603 N. 3rd Ave., Saginaw
Cortopassi, Andre J.....326 S. Washington Ave., Saginaw
Cortopassi, Vital E.....324 S. Washington Ave., Saginaw
Cory, Chas. W.....1227 N. Michigan, Saginaw
Cresswell, T. A.....319 1st Savings & Loan, Saginaw
Cullen, Geo. (A).....2529 N. Clinton St., Saginaw
Curts, James H.....1205 N. Michigan Ave., Saginaw
Davenport, Clyde P.....703 W. Genesee, Saginaw
Derifield, R. S. (A).....25 Westbrook Ct., Saginaw
DeYoung, Wm. A.....1447 N. Harrison, Saginaw
Dowidat, Raymond W. (A).....608 Westfield, Saginaw
Durman, Donald C.....408 S. Jefferson Ave., Saginaw
Ely, Cecil W.....1820 Janes Ave., Saginaw
Ernst, Arthur R. (R)..4004 Woodland Dr., McLean, Va.
Farley, Albert W.....1803 N. Michigan Ave., Saginaw
Feeheley, Robt. D.....3521 State, Saginaw
Fleschner, Thos. E.....Birch Run
Friedrick, David F. (A)....4620 Monroe Blvd., Dearborn
Galsterer, Edwin C.....128 S. Jefferson Ave., Saginaw
Gamon, Adam E., II.....2004 Court St., Saginaw
Gardner, Joe H.....815 N. Michigan Ave., Saginaw
Gerard, Roy J.....1500 Gratiot, Saginaw

Gilmore, Robt. D.....234 W. Saginaw, Merrill
Goldner, Richard D.....1024 N. Michigan, Saginaw
Gomon, Louis D.....1203 N. Michigan Ave., Saginaw
Goodsell, John O.....408 S. Jefferson, Saginaw
Goodsell, J. Orton, D.D.S. (A).....501 2nd Nat'l Bank Bldg., Saginaw
Goodwin, J. E.....418½ W. Genesee, Saginaw
Grigg, Arthur P.....320 N. Michigan Ave., Saginaw
Hand, Eugene A.....126 N. Franklin St., Saginaw
Harvie, Lloyd C. (L).....112 S. Jefferson Ave., Saginaw
Heavenrich, Robt. M.....1107 Gratiot Ave., Saginaw
Heilbronn, Duane B.....1703 N. Michigan, Saginaw
Helmkamp, Herbert O.....333 S. Jefferson, Saginaw
Hester, Eustace G.....2031 N. Michigan Ave., Saginaw
Hill, Victor L.....124 S. Jefferson Ave., Saginaw
Hubinger, H. L. (A)..501 2nd Nat'l Bank Bldg., Saginaw
Hyslop, Wm. T.....1610 Gratiot Ave., Saginaw
James, John W.....1021 W. Genesee St., Saginaw
Jarvi, Rudolph M.....1107 Gratiot Ave., Saginaw
Jiroch, Ralph S. (L).....202 Wiechmann Bldg., Saginaw
Johnstone, Kermit T.....Box 2272 S. Side P.O., Saginaw
Jordan, Leo A.....1524 E. Genesee St., Saginaw
Kerr, Wm. B.....300 S. Michigan St., Saginaw
Kickham, Edward F.....309 S. Jefferson Ave., Saginaw
Kidd, James G. (A).....1500 Weiss St., Saginaw
Kleekamp, Herbert G.....1005 Gratiot Ave., Saginaw
Kleinschmidt, Earl E.....3625 Webber St., Saginaw
Kolesar, Robt. C.....1005 Gratiot, Saginaw
Kowals, Francis V...Med. Dir. Chec. Serv. GMC, Saginaw
Kretschmer, Thos. V.....1232 N. Michigan Ave., Saginaw
Lassignal, Jules C.....2125 Bay St., Saginaw
Ling, Ernest M. (R).....R.D. 2, Spring Lake
Ling, Kenneth C.....Hemlock
Lippit, Deveroux H.....2435 Midland Rd., Saginaw
Lohr, Oliver W.....Box 806, Saginaw
Lohr, Thos. O.....1135 N. Michigan Ave , Saginaw
Love, Neil W.....505 W. Tuscola, Frankenmuth
Luger, Fredk. E.....303 N. Jefferson Ave., Saginaw
Lurie, Robt. I.....2525 S. Washington Ave., Saginaw
Lyle, Richard C.....Bridgeport
Mahaney, Thos. P.....3521 State St., Saginaw
Manning, John E.....815 N. Michigan Ave., Saginaw
Manning, John W., III.....203 Ardussi, Saginaw
Markey, Francis L.....808 N. Michigan Ave., Saginaw
Markey, Joseph P.....808 N. Michigan Ave., Saginaw
Martzowka, Wm. P.....415 W. Genesee St., Saginaw
Mason, Wm. G.....1107 Gratiot Ave., Saginaw
Matthews, Harry C.....1227 N. Michigan Ave., Saginaw
Maurer, John.....1109 Elmdale, Saginaw
Mayne, Harold E.....120 N. Michigan, Saginaw
McKinney, A. R. (L)....330 S. Washington St., Saginaw
Meadows, Jos. M. (A)....Ypsilanti State Hosp., Ypsilanti
Meyer, Henry J. (L).....6243 Dixie Hwy., Bridgeport
Miller, Glenn F.....404 S. Warren Ave., Saginaw
Moon, A. Raymond (L).....1008 Hancock, Saginaw
Morgrette, Leonard J.....603 S. Jefferson Ave., Saginaw
Mudd, Richard D.....Chev. Grey Foundry, Saginaw
Murphy, Albert P.....303 N. Michigan Ave., Saginaw
Murphy, Richard T., D.D.S. (A).....1718 N. Michigan, Saginaw
Murray, Morris J.....603 S. Jefferson Ave., Saginaw
Nelson, Oscar A.....120 N. Michigan Ave., Saginaw
Nelson, Robert E. (A).....1500 Weiss St., Saginaw
Noble, Paul R.....1447 N. Harrison, Saginaw
Northway, Robt. O.....124 S. Jefferson Ave., Saginaw
Novy, Frank O.....420 S. Jefferson Ave., Saginaw
Olson, Carl P.....2505 Court St., Saginaw
Ostrander, Frank W. (L).....Freeland
Phillips, Homer A.....124 S. Jefferson Ave., Saginaw
Pietz, Fredk.....221 N. Michigan Ave., Saginaw
Potvin, Clifford D. (A).....161 Heyn St., Saginaw
Powers, Robt. F.....142 Wylie, Saginaw
Prather, Perry E.....1227 N. Michigan Ave., Saginaw
Prinsell, Gustave G. (M).....P.O. Box 33, Sierra Leone, W. Africa
Radai, Joseph L.....3900 Holland Rd., Saginaw
Rector, Robt. D. (A).....2201 State St., Saginaw
Reimers, Gerald F.....4046 Hess St., Saginaw
Richards, Ned W.....3518 State St., Saginaw
Richter, Harry J.....705 Adams, Saginaw
Roggen, Ivan J.....1227 N. Michigan, Saginaw
Ruskin, Dave B.....120 N. Michigan Ave., Saginaw
Ryan, Richard S.....633 S. Washington Ave., Saginaw
Sample, John T. (L).....Box 2254, Saginaw
Sargent, Donald V.....1703 N. Michigan Ave., Saginaw
Schneider, A. J. N.....509 S. Jefferson Ave., Saginaw
Schultz, Frank R.....147 W. Broad St., Chesaning
Sharp, Martin C.....1803 N. Michigan Ave., Saginaw
Shek, John L.....808 N. Michigan Ave., Saginaw
Sheldon, Suel A.....124 S. Jefferson, Saginaw
Sherman, John W.....1642 Hemmeter Rd., Saginaw
Siler, D. E.....1827 N. Michigan Ave., Saginaw
Skowronski, C. A.....1401 E. Genesee St., Saginaw
Slack, Walter K. (A).....625 S. Jefferson Ave., Saginaw
Slade, Homer G.....1520 N. Michigan Ave., Saginaw
Stahly, Edward H.....Saginaw County Hosp., Saginaw
Stander, Aaron C.....1411 Court St., Saginaw
Stewart, Geo. W.....1902 Janes St., Saginaw
Sulfridge, Hugh L., Jr.....512 N. Michigan Ave., Saginaw
Thompson, Arthur B.....2144 Ottawa St., Saginaw
Tiedke, Gunther E.....120 N. Michigan Ave., Saginaw
Toshach, Clarence E.....3655 Schust Rd., Saginaw
Toteff, Robert J.....2 Chippewa Court, Saginaw
Tramitz, Melvin E.....Saginaw Gen Hosp., Saginaw
Underhill, Wm. G.....214 Trier, Saginaw
Vitu, Robert L.....808 N. Michigan Ave., Saginaw
Volk, Vladimir K...Saginaw Co. Hosp., Box 65, Saginaw
Wallace, Herbert C. (M).....118 S. Oakley, Saginaw
Webb, Walter L.....1502 Wadsworth, Saginaw
Weiss, Arno W.....3521 State St., Saginaw
Westlund, Norman.....349 S. Weadock, Saginaw
Wright, Edwin M.....128 Lynn, Saginaw
Yntema, Stuart.....331 S. Jefferson Ave., Saginaw

ST. CLAIR COUNTY MEDICAL SOCIETY (194)

Bailey, Robt. S.....400 Michigan Bank Bldg., Port Huron
Banting, Kenneth C...403 Peoples Bank Bldg., Port Huron
Barss, J. A.....1209 Tenth St., Port Huron
Battley, John C. S.....940 Military St., Port Huron
Beck, Frank K.....901 Lapeer Ave., Port Huron
Beer, Jos. F.....104 N. Riverside Ave., Saint Clair
Bennett, Wm. G.....210 S. Main St., Yale
Borden, Chas. L.....216 Sperry Bldg., Port Huron
Bottomley, Thos. H., Jr.....1102 Sixth St., Port Huron
Boughner, Walter H.....325 Pleasant St., Algonac
Bovee, Marion E. (L).....2208 Stone St., Port Huron
Bowden, Wm. S.....137 S. Water St., Marine City
Bridge, Ezra V.....416 Edison Blvd., Port Huron
Brush, Howard O.....612 Peoples Bank Bldg., Port Huron
Cantwell, John D., Jr.....619 River St., Port Huron
Carney, Frank V. (R)....1065 N. Riverside St., St. Clair
Carrie, Robt. G.....1423 Michigan Ave., Algonac
Cleland, Wm. D., Jr.....Medical Arts Bldg., Port Huron
Clifford, Robt. P.....506 S. Riverside Dr., St. Clair
Clyne, Benj. C.....103 N. Main St., Yale
Cooper, Thos. H. (L).....911 Lapeer Ave., Port Huron
Coury, John J., Jr.....1209 Tenth St., Port Huron
Davison, Wm. T.....1108 Military St., Port Huron
Dinnen, Wm. J., Jr.....804 Huron Ave., Port Huron
Douvas, Nicholas G.....311 Pine St., Port Huron
Franke, Armin T.....902 Tenth Ave., Port Huron
Fulton, Harold E., Jr.....310 E. Water St., Port Huron
Gholz, Anthony C.....Medical Arts Bldg., Port Huron
Gilmore, John R...317 Michigan Bank Bldg., Port Huron
Hazledine, H. J.....4406 Gratiot Ave., Port Huron
Holcomb, Russell J.....141 S. Main St., Marine City
Hoyt, Chas. N.....804 Huron, Port Huron
James, Freburn L.....1209 Willow St., Port Huron
Johnston, Thomas C.....427 McKinley, Grosse Pte. Farms

Kahn, Oscar B.....Capac
Kesl, Geo. M.....316 Sperry Bldg., Port Huron
Kirban, Harry N.....1209 Willow St., Port Huron
Kirker, Findlay O.....1325 Michigan Ave., Marysville
Koch, Donald A.....310 E. Water St., Port Huron
Lauridsen, James.....1010 Pine Grove Ave., Port Huron
LeGalley, K. B.....Persian Gulf, Awali, Bahrein
Licker, Reuben R.....525 Court St., Port Huron
Ludwig, Claude A.....916 Seventh St., Port Huron
Ludwig, Fredk. E.....916 7th St., Port Huron
Lugg, Robt. M.....619 River St., Port Huron
MacPherson, C. A. (R)....441 Swing Ave., Louisville, Ky.
Martin, Clyde S. (R).....1740 via Palermo, Winter Park, Fla.
Mayhew, Harry E.....721 N. 9th St., St. Clair
McColl, Duncan J. (L).....305 Sperry Bldg., Port Huron
Mohney, Glenn E.....311 Pine St., Port Huron
Morris, Alvin N.....204 Sperry Bldg., Port Huron
Novak, Walter S.....310 E. Water St., Port Huron
Patterson, Dorsey W.....622 Huron Ave., Port Huron
Pollock, Donald A. (A).....5014 Lakeshore, Port Huron
Raftery, Michael.....804 Huron Ave., Port Huron
Rowe, Robt. E.....3360 W. Water St., Port Huron
Sanderson, Jos. L.....515 Pine St., Port Huron
Sands, Geo. E.....310 Water St., Port Huron
Schaefer, Waldo A.....302 Mich. Bank Bldg., Port Huron
Selby, Clarence D.....1916 Military St., Port Huron
Serniak, John A.....104 S. Main St., Yale
Sites, Edgar C.....1209 Tenth St., Port Huron
Tisdel, James H.....310 E. Water St., Port Huron
Tomsu, Glenn F.....310 E. Water St., Port Huron
Townley, Chas. O.....1209 Tenth St., Port Huron
Ulmer, Arthur H., Jr.....1209 Tenth St., Port Huron
Van Rhee, Geo. (L)..323 Peoples Bank Bldg., Port Huron
Walker, Sidney C.....1209 Tenth St., Port Huron
Ware, J. Raleigh.....3107 24th St., Port Huron
Wass, Henry C.....Saint Clair
Wetzel, John O. (R).....700 Intercostal Dr., Ft. Lauderdale, Fla.
Yost, Kenneth W.....1305 Gratiot Ave., Marysville

ST. JOSEPH COUNTY MEDICAL SOCIETY (198)

Berg, Lawrence A.....106 E. Chicago Rd., Sturgis
Bradley, D. E.....428 Burr Oak Rd., Colon
Braham, Wilbur G.....111 S. Monroe, Sturgis
Brothers, Paul L.....104 S. Lakeview, Sturgis
Brunson, Allen E.....206 E. West St., Sturgis
Evans, Robt. H.....111 S. Monroe St., Sturgis
Fiegel, S. Albert.....111 S. Monroe, Sturgis
Fortner, Roscoe J.....137 Portage Ave., Three Rivers
Gillespie, Eleanor M.....103 S. 4th, Sturgis
Jacobowitz, John M.....Lincoln at Millard, Three Rivers
Lamb, Harry.....110 Pleasant Ave., Sturgis
Lepard, Olin L.....104 S. Lakeview, Sturgis
Mackenzie, Aileen L.....Centreville
Miller, Chas. G. (L).....106 W. Chicago St., Sturgis
O'Dell, Charles W.....117 Spring St., Three Rivers
O'Dell, John H., Jr.....117 Spring St., Three Rivers
Olney, Harold E.....Leonidas
Pennington, Harry C.....118 S. Kalamazoo, White Pigeon
Penzotti, Stanley C.....117 Spring St., Three Rivers
Porter, Clark G.....226 East St., Three Rivers
Schimnoski, D. R...Three Rivers Med. Clin., Three Rivers
Shaw, Geo. D.....117 Spring St., Three Rivers
Sheldon, John P.....206 E. West St., Sturgis
Slote, Leal K. (L)....540 S. Washington St., Constantine
Smith, Robt. D.....Colon
Springer, Russell A. (R).....R.R. 2, Sturgis
Weisheit, H. R.....Route 1, Sturgis
Zimont, Chas. R.....Constantine
Zimont, Raymond D.....Constantine

SANILAC COUNTY MEDICAL SOCIETY (202)

Blanchard, Ernest W.....Deckerville
Cripps, James R.....Marlette
Ford, Frances A.....2683 S. Lakeshore Rd., Applegate
Gift, Weldon A.....Marlette
Hart, Robt. K.....Croswell
Jayson, Michael H.....6294 E. Marlette St., Marlette
McCrea, John W.....Marlette
McGunegle, Keate T.....Sandusky
Muir, Neil .....Croswell
Seager, M. Cole.....Brown City
Smith, Duane E.....Brown City
Tweedie, G. Evans.....Sandusky
Tweedie, S. Martin.....Sandusky
Webster, J. C.....Marlette
Winfield, Raymond J.....3014 Main St., Marlette

SHIAWASSEE COUNTY MEDICAL SOCIETY (206)

Arnold, Alfred L., Jr.....812 Bradley St., Owosso
Austin, Eugene S.....635 N. Ball St., Owosso
Bach, Norman F.....113 E. Williams, Owosso
Bjarnesen, Walter.....Durand Medical Clinic, Durand
Brown, Richard C.....113 E. Williams St., Owosso
Brown, Richard J. (A).....P.O. Box 131, Lakeland
Buzzard, Walter D.....Chesaning
Chipman, Elwood M.....502 W. Williams St., Owosso
Ford, Wm. J. A., Jr.....1310 Shady Lane, Owosso
Forsyth, Henry T.....Chesaning
Graves, James H.....511 W. Main St., Owosso
Grommons, Jack R.....214 N. Saginaw, Durand
Gurden, Elizabeth A. L.....113 E. Williams St., Owosso
Harroun, John E.....105 N. Water St., Owosso
Harroun, R. V.....Matthews Bldg., Owosso
Hoshal, Verne L.....104 W. Clinton, Durand
Lieber, Robt. W.....103 E. Clinton St., Durand
Lutton, Robert.....Matthews Bldg., Owosso
MacGregor, John F.....113 E. Williams St., Owosso
McGeehan, J. S.....Matthews Bldg., Owosso
McKnight, Edwin R.....320 N. Washington St., Owosso
Merz, Walter L.....Rte. 3, Owosso
Moore, Phillip J.....113 E. Williams, Owosso
Morin, Richard .....Durand
Phillips, Rolland.....Matthews Bldg., Owosso
Pochert, Rolland C.....105 N. Water St., Owosso
Richards, Chester J.....213 Mercer, Durand
Sahlmark, Jos. F.....812 Bradley St., Owosso
Sauer, Peter.....113 E. Williams, Owosso
Shepherd, Walter F. (A).....105 N. Water St., Owosso
Trick, O. L.....Durand
Weinkauf, Wm. F.....Corunna
Weston, Claude L.....1226 N. Washington, Owosso

TUSCOLA COUNTY MEDICAL SOCIETY (210)

Anderson, Norma ....Caro
Ballard, James H....Cass City
Cole, Versa V....Lock Box A, Caro
Dickerson, Willard W....Caro State Hosp., Caro
Donahoe, Harold T....Pleasant Home Hosp., Cass City
Elmendorf, E. N., II....Vassar
Flett, Richard O....Millington
Gilbert, Donald E....Mayville
Gugino, Frank J....Reese
Howlett, Robt. R....624 W. Frank St., Caro
Loree, Joseph E....Caro State Hosp., Caro
Merrill, Elmer H....147 W. Lincoln St., Caro
Miles, Edward J....Caro
Nigg, Herbert L....Caro
Savage, Lloyd L....147 W. Lincoln, Caro
Swanson, Ewald C....220 N. Main, Vassar
Von Renner, Otto (L)....837 W. Huron St., Vassar

VAN BUREN COUNTY MEDICAL SOCIETY (214)

Boothby, Carl F....Hartford
Boothby, Fredk. M....Lawrence
Boothby, Paul ....Lawrence
Bope, Wm. P. (L)....Decatur
Cooper, Jos. E....417 W. Monroe, Bangor
Copeland, Evan ....Decatur
Diephuis, Bert....511 Huron St., South Haven
Dillon, Thos. J....RFD 3, Paw Paw
Gano, Avison....417 Monroe St., Bangor
Holm, Leo H....Gobles
Itzen, John F....P.O. Box 128, South Haven
Johnson, Harold C. A....304 Oak St., Paw Paw
Kleber, John A....311 Center St., South Haven
Lawther, John....P.O. Box 191, Hartford
Loomis, Frank J....Paw Paw
McFadden, Roscoe I....Bloomingdale
Millard, David....Paw Paw
Morgan, Dale K....326 Michigan Ave., South Haven
Parks, Arthur E....Lawton
Stagg, Adelbert L....9 N. Maple St., Hartford
Stagg, G. Lee....Box 307, Hartford
Steele, Arthur H....Paw Paw
Sundin, Paul W....Decatur
Ten Houten, Charles....Paw Paw
Terwilliger, Edwin H....326 Michigan Ave., South Haven
Urist, Martin J....R.D. 1, South Haven
Young, Wm. R....Lawton

WASHTENAW COUNTY MEDICAL SOCIETY (218)

Abell, Joseph M., Jr. (A)....2329 Pinecrest, Ann Arbor
Abramson, Eli C. (A)..3705 Manchester, Toledo 6, Ohio
Alford, Barry H....690 S. Main St., Plymouth
Allaire, Francis J. (A)....801 Loyola, Ann Arbor
Allen, Arthur W....5 Harvard Pl., Ann Arbor
Allen, Richard J....University Hosp., Ann Arbor
Anderson, David G. (A)....627 Westwood, Ann Arbor
Atchison, Russell M....501 Dunlap, Northville
Badgley, Carl E....1313 E. Ann St., Ann Arbor
Bailey, Robt. W....University Hosp., Ann Arbor
Baird, Walter M. (A)....2260 Parkwood, Ann Arbor
Baker, Wm. B. (A)..2122 Tenth Ave. N., Seattle 2, Wash.
Banghart, Norman L....1950 Manchester Rd., Ann Arbor
Barker, Paul S....1313 E. Ann St., Ann Arbor
Barlow, R. Craig....326 N. Ingalls St., Ann Arbor
Barnett, Robert F. (A)..1722 Chandler Ave., Ann Arbor
Barnwell, John B....R.F.D. 2, Blairstown, N. J.
Barss, Wm. A....525 W. Cross St., Ypsilanti
Bartholomew, Lee E....4633 Kresge Bldg., U.M., Ann Arbor
Bartlett, Richard J. (A)....U. Med. Center, Ann Arbor
Bass, Thos. J....201 S. Hamilton, Ypsilanti
Bassow, Paul H....St. Joseph Hosp., Ann Arbor
Bauer, Gerhard H....2015 Manchester Rd., Ann Arbor
Bauer, Jere M....1313 E. Ann St., Ann Arbor
Beatty, James B. (A)....722 Linda Vista, Ann Arbor
Beckett, Morley B....207 Fletcher Ave., Ann Arbor
Behrman, Samuel....1313 E. Ann St., Ann Arbor
Beierwaltes, Wm. H....1885 Fuller, Ann Arbor
Beljan, John R. (A)....7520th USAF Hosp., APO 125, New York, N. Y.
Bell, Margaret (L)....15 Geddes Heights, Ann Arbor
Belser, Walter....2101 Woodside Rd., Ann Arbor
Bender, Leonard F....1313 E. Ann St., Ann Arbor
Bentley, Fredk. E....851 S. Main St., Plymouth
Berry, Robert E. L....Univ. Hosp., Ann Arbor
Bicknell, John N. (A)....1381 Jeffrey, Ypsilanti
Bird, H. Waldo, Jr.,....1313 E. Ann St., Ann Arbor
Bishop, Ronald C....1011 Lincoln Ave., Ann Arbor
Block, George E....Univ. Hosp., Ann Arbor
Bole, Giles G., Jr. (A)....830 Bruce St., Ann Arbor
Boles, Roger (A)....1430 Hatcher Crescent, Ann Arbor
Bolt, Robt. J....1014 Lincoln St., Ann Arbor
Bosch, Jan K....302 W. Main St., Northville
Bostian, David W....304½ S. State St., Ann Arbor
Botch, Edmund S....115 E. Liberty St., Ann Arbor
Botsford, James H. (M)....39 B. Travis Loop, Holloman AFB, New Mexico
Brandt, Ralph L....1720 Palomar Dr., Ann Arbor
Brewer, Wilson K....720 E. Catherine St., Ann Arbor
Brody, Gerald L. (A)....1207 Chapel Ct., Ann Arbor
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Bacon, Vinton A.....18400 Livernois, Detroit 21
Bader, Benj. H.....2654 W. Grand Blvd., Detroit 8
Baeff, Michael A. (R).....15435 Stahelin Ave., Detroit 23
Baer, Geo. J.....1553 Woodward Ave., Detroit 26
Baer, Marga.....16321 Mack Ave., Detroit 24
Baer, Walter.....16321 Mack Ave., Detroit 24
Bagley, Harry E.....7541 Oakman Blvd., Dearborn
Bahra, Robt. J.....14300 W. McNichols, Detroit 35
Bailey, Donald A. (R)....3300 Woodstock Dr., Detroit 21
Bailey, Louis J.....Northland Center, Southfield
Baima, Margaret A.....5057 Woodward Ave., Detroit 2
Baker, Clarence (L).....19182 Patton Ave., Detroit 19
Bakst, Joseph A.....10 W. Warren, Detroit 1

Balaga, Frank T.....9701 Joseph Campau Ave., Hamtramck 12
Balberor, Harry.....275 W. Grand Blvd., Detroit 16
Balcerski, Matthew A.....10 Peterboro St., Detroit 1
Ballard, Donald R.....22231 W. Outer Dr., Dearborn
Balow, Ross M.....18700 Meyers Rd., Detroit 35
Balser, Chas. W. (L).....13931 Gratiot, Detroit 5
Barak, Lewis R.....7448 W. 7 Mile Rd., Detroit 21
Baran, Alphonse W.....15841 W. Warren St., Detroit 28
Barbaglia, Louis C.....16378 Harper, Detroit 24
Barber, Radivoj R.....864 S. Main St., Plymouth
Bardenstein, M. B...16650 Jas. Couzens Hwy., Detroit 21
Barefield, Alwin S.....8629 W. 8 Mile Rd., Detroit 21
Barenholtz, Benj.....1138 Maccabees Bldg., Detroit 2
Barker, David H.....7220 Gratiot Ave., Detroit 13
Barland, Oscar.....5131 Milford, Detroit 10
Barnes, Van D.....11040 Ingram, Livonia
Barnett, Morton.....1527 David Stott Bldg., Detroit 26
Barnett, Saul E.....744 Lothrop St., Detroit 2
Barnett, Louis L.....10 Witherell St., Detroit 26
Barone, C. Gerald.....15231 W. 7 Mile Rd., Detroit 35
Barrett, C. D., Jr.....334 Bates, Detroit 26
Barrett, Raymond J.....18280 Fairfield, Detroit 21
Barrett, Wyman D.....1553 Woodward Ave., Detroit 26
Barron, James.....2535 Amberly Rd., Birmingham
Barron, Wm. H.....14938 Livernois St., Detroit 38
Barsky, David.....100 Oak St., Wyandotte
Barton, Jos. R.....7503 W. Warren Ave., Detroit 10
Batchelor, Melvin T.....18060 Conant, Detroit 34
Bates, Gaylord S.....861 Monroe Blvd., Dearborn
Battle, John M.....6904 Charlesworth, Garden City
Bauer, A. Robt.....19268 Grand River Ave., Detroit 23
Bauer, Benedict J.....16451 Schoolcraft, Detroit 27
Bauer, Lester E.....4 Woodside Pk., Pleasant Ridge
Bauer, Raymond B.....1326 St. Antoine St., Detroit 26
Baugh, Richard H.....24216 Michigan Ave., Dearborn
Baumer, Moe.....10 Peterboro, Detroit 1
Baumgarten, Elden C.....8045 E. Jefferson Ave., Detroit 14
Baumgarten, Thos. W.....8045 E. Jefferson Ave., Detroit 14
Bayles, John G. (A).....3416 Michigan Ave., Detroit 16
Bazil, Gilbert M.....18254 Livernois, Detroit 21
Beach, Watson.....20815 Mack Avenue, Detroit 36
Beam, A. Duane.....20160 Mack Ave., Grosse Pte. Woods
Beamer, Geo. D.....14853 Michigan Ave., Dearborn
Beard, James E.....906 N. Highland, Dearborn
Beck, Stanley M., Jr.....13118 Fort St., Wyandotte
Becker, Abraham.....10 Witherell St., Detroit 26
Becker, Jos. W.....1553 Woodward Ave., Detroit 26
Beckett, Peter G. S.....951 E. Lafayette St., Detroit 7
Beckett, Victoria L.....1420 Anita, Grosse Pte. Woods
Becklein, Clarence L.....14351 E. Warren Ave., Detroit 15
Bedell, Archie A.....15545 Mack Ave., Detroit 24
Bedwell, Wm. L.....1249 Washington Blvd., Detroit 26
Beebe, Willard E.....13365 Michigan Ave., Dearborn
Beeuwkes, L. E.....13014 Mackenzie Ave., Detroit 28
Behan, Robt. C.....500 Griswold St., Detroit 26
Beitman, Max R.....510 Kales Bldg., Detroit 26
Belanger, W. Geo.....1041 Harvard, Detroit 30
Belden, Darwin F.....13339 Woodrow Wilson, Detroit 38
Beliale, John A.....Wayne Co. Hosp., Eloise
Bell, J. Kenner.....660 Woodward Ave., Detroit 26
Bende, Sandor F.....15863 Garfield, Allen Park
Beninson, Joseph.....Henry Ford Hospital, Detroit 2
Bennett, Germany E.....5144 Hastings St., Detroit 11
Bennett, Harry B.....5057 Woodward Ave., Detroit 2
Bennett, H. Stanley.....29767 E. River Rd., Grosse Ile
Bennett, Sanford A.....15301 W. Nine Mile Rd. Oak Park 37
Bennett, Zina B.....10319 Lanark, Detroit 24
Bennish, E. Leo.....14438 W. Six Mile Rd., Detroit
Benson, Clifford D.....1553 Woodward Ave., Detroit 26
Benson, Davis A.....3706 Sturtevant Ave., Detroit 6
Benson, Paul J.....2355 Fort St., Lincoln Park
Benson, Virginia M.....16238 Snowden Ave., Detroit 35
Berge, Clarence A. (L).....878 Lakewood, Detroit 15
Berger, Edwin L.....7301 Schaefer Rd., Dearborn
Bergman, Murray S.....4400 Livernois, Detroit 10
Bergman, Theodore I.....7330 W. 7 Mile Rd., Detroit 21
Berk, J. Edward.....Sinai Hospital, Detroit 35
Berke, Sydney S.....3333 E. Jefferson, Detroit 7
Berlien, Ivan C.....Jackson Mem. Hosp., Miami 36, Fla.
Berlin, Allen B.....19467 Livernois, Detroit 21
Berman, Lawrence.....1401 Rivard St., Detroit 7
Berman, Robt. H.....2111 Woodward, Detroit 1
Berman, Sidney L.....60 W. Hancock, Detroit 1
Bernard, Walter G.....910 Chalmer, Detroit 15
Bernbaum, Bernard.....17320 Livernois, Detroit 21
Bernstein, Saml. S.....18200 Wyoming, Detroit 21
Berridge, William L.....Chevrolet Motor Co., Livonia
Berry, Jos. E.....19242 W. 7 Mile Rd., Detroit 19
Besancon, John H.....1510 Broderick Tower, Detroit 26
Best, Thos. H. E. (L).....9221 E. Jefferson Ave., Detroit 14
Betanzos, G.....25701 Joy Rd., Dearborn
Bethea, Hardee.....18150 Mack, Detroit 24
Beyer, Hans A.....16863 Montevista, Detroit 21
Bialik, Michael H.....14853 Michigan Ave., Dearborn
Bicknell, Frank B.....938 David Whitney Bldg., Detroit 26
Bielawski, John G.....8124 E. Morrow Circle, Detroit 4
Bigman, Oscar.....1151 Taylor Ave., Detroit 2
Bihl, John H.....Northville St. Hosp., Northville
Billingslea, Thos. H.....2175 Willis Ave. E., Detroit 7
Biluk, Frank J.....13424 Gratiot, Detroit 5
Bing, Richard J.....1401 Rivard St., Detroit 7
Birch, John R.....5057 Woodward Ave., Detroit 2
Birk, Robert E.....Henry Ford Hospital, Detroit 2
Birkam, Fred F.....7301 Shaefer Rd., Dearborn
Birkelo, Carl C. (R).....1630 Chestnut, Winter Park, Fla.
Birkelo, Carl H.....16859 Rosemont, Detroit 19
Birkhill, F. Ross.....31 Shady Hollow Dr., Dearborn
Birmingham, John R.....14216 W. McNichols Rd., Detroit 35
Birndorf, Leonard.....18317 John R. St., Detroit 3
Bittker, Isadore I.....3321 Rochester Rd., Royal Oak
Bittrich, Norbert M.....2500 W. Grand Blvd., Detroit 8
Black, Perry S. (L).....19431 Van Dyke Ave., Detroit 34
Black, Robert W.....641 David Whitney Bldg., Detroit 26
Blain, Alexander III.....2201 E. Jefferson, Detroit 7
Blain, Donald G.....2201 E. Jefferson, Detroit 7
Blain, James H., Jr.....119 Kercheval Rd., Detroit 36
Blaine, Max.....5057 Woodward Ave., Detroit 2
Blair, Wm. F.....81 E. Kirby St., Detroit 2
Blanchard, Russell S.....261 Brady, Detroit 1
Bledsoe, Ovid L.....1819 Seward, Detroit 6
Bleier, Alfred.....13015 E. Warren Ave., Detroit 15
Bleier, Jos.....7504 Dexter Blvd., Detroit 6
Bloch, Abraham.....2935 E. Milwaukee Ave., Detroit 11
Block, Duane L.....3001 Miller Rd., Dearborn
Block, Melvin A.....2799 W. Grand Blvd., Detroit 2
Blodgett, James B.....76 W. Adams St., Detroit 26
Blodgett, Wm. H.....74 W. Adams Ave., Detroit 26
Blodgett, Wm. E. (L).....76 W. Adams Ave., Detroit 26
Bloom, Albert.....6484 Chene St., Detroit 11
Bloom, Arthur R.....19140 Gloucester, Detroit 3
Bloor, Robt. J.....Henry Ford Hosp., Detroit 2
Blumer, Abraham.....25321 5 Mile Rd., Detroit 39
Blumenthal, Franz L.....3011 W. Grand Blvd., Detroit 2
Boccaccio, John L.....11532 Morang, Detroit 24
Boccia, James J.....15761 E. Warren, Detroit 24
Boddie, Arthur W.....2737 Chene St., Detroit 7
Bogucki, Chester J.....11455 E. McNichols Rd., Detroit 34
Bogue, Robt. E.....15800 W. McNichols Rd., Detroit 35
Bogusz, Ladislaus (R).....29215 Maranya Rd., Homestead, Fla.
Bohn, Z. Stephen.....327 Professional Bldg., Detroit 1
Bohne, A. Waite.....Henry Ford Hosp., Detroit 2
Boland, John R. (R).....Box 50, Grand Marais
Bolstad, Donald S.....Henry Ford Hosp., Detroit 2
Bolter, Sidney.....18916 Woodward, Detroit 3
Bolton, Russell P., Jr.....19566 Grand River Ave., Detroit 23
Bookstein, Abraham M.....1475 Colton Ave., Detroit 3
Boone, Geo. F.....22101 Moross Rd., Detroit 36
Borchak, Robert G. (A).....24584 Mobray, East Detroit

Borden, Igor I.....987 E. Jefferson Ave., Detroit 7
Borin, Maurice C.....18115 Fairfield St., Detroit 21
Bornstein, Sidney.....2033 Puritan, Detroit 3
Bott, Edmund T.....1629 Ford, Wyandotte
Botvinick, Isadore.....13701 W. 7 Mile Rd., Detroit 35
Boutrous, Thos. A.....15801 W. McNichols, Detroit 35
Bovill, Edwin G.....17555 James Couzens Hwy., Detroit 35
Bower, Donald W.....719 Liberty, Lincoln Park
Bower, Franklin T.....70 Kensington, Pleasant Ridge
Bowers, Leo J.....11200 E. McNichols, Detroit 34
Bownes, Eugene A.....18520 Grand River, Detroit 23
Boyajian, Albert.....27459 5 Mile Rd., Livonia
Boyd, John H.....2615 W. Jefferson, Trenton
Boyle, Albert J.....Wayne St. University, Detroit 2
Boyle, Robert E.....Fisher Body Div., GMC, Livonia
Bracken, Andrew H.....13102 W. Warren Ave., Dearborn
Braden, Robt. G.....25060 E. River Place, Grosse Isle
Bradfield, Horace F.....3008 E. Grand Blvd., Detroit 2
Bradley, Geo. T.....1553 Woodward Ave., Detroit 26
Brady, Herbert A.....10593 W. Jefferson, Detroit 18
Braley, Wm. N. (L).....12897 Woodward, Detroit 3
Bramigk, Fritz W. (L).....509-511 Prof. Bldg., Detroit 1
Brand, Benj.....4500 Wabash Ave., Detroit 8
Braun, Lionel.....18644 Muirland Ave., Detroit 21
Braun, Robert A.....18610 Hartwell Ave., Detroit
Braverman, Morris M.....1221 Maccabees Bldg., Detroit 2
Bredau, Frank N., Jr.....21714 Fenkell, Detroit 23
Breiner, Sander J.....14300 W. McNichols Rd., Detroit 21
Brekke, Viola G.....369 Glendale St., Highland Park 3
Bremer, John P.....17818 E. Warren, Detroit 24
Bremer, Wm. M.....15641 E. Warren, Detroit 24
Breneman, Gerald M.....16926 13 Mile Rd., Birmingham
Brennan, Michael J.....1176 Grayton, Detroit 30
Brent, Morris S.....1330 Strathcona Dr., Detroit 3
Brey, Norman W.....5057 Woodward Ave., Detroit 2
Briegel, Walter A. (R).....1012 Henrietta, Birmingham
Briggs, Wm. J.....1202 Maccabees Bldg., Detroit 2
Bringard, Elmer L.....18110 Fairfield Ave., Detroit 21
Briski, Jacob E. (A).....21231 Sunnydale, St. Clair Shores
Brisson, Jos. C.....9191 Whittier St., Detroit 24
Bristol, Wm. R.....189 Claverly, Detroit 36
Broadman, Sylvan A.....25705 Middlebelt, Farmington
Broderson, Harvey S. (R).....10720 W. Jefferson, River Rouge 18
Bromme, Wm.....10 Peterboro St., Detroit 1
Bronson, Wm. W.....22128 Grand River, Detroit 19
Brooks, Chas. W., II.....2033 E. Davison St., Detroit 12
Brooks, Eugene M.....1103 Kales Bldg., Detroit 26
Brooks, Nathan.....904 Maccabees Bldg., Detroit
Brosius, Chas. O.....15800 6 Mile Road, Detroit 35
Brosius, Wm. L.....16150 Sorrento, Detroit 35
Brough, Glen A.....1553 Woodward Ave., Detroit 26
Brown, Andrew G.....18230 Grand River Ave., Detroit 23
Brown, Audrey O.....5057 Woodward Ave., Detroit 2
Brown, Carlton F.....16552 Westmoreland Rd., Detroit 19
Brown, Chas. H.....2387 Fort St., Wyandotte
Brown, Eli M.....13123 LaSalle, Huntington Woods
Brown, Frances.....1940 Lincolnshire, Detroit 3
Brown, Gordon T.....13000 Hayes Ave., Detroit 5
Brown, Henry S.....18101 Jas Couzens Hwy., Detroit 35
Brown, John R.....702 Maccabees Bldg., Detroit 2
Brown, Robt. A.....3529 W. Jefferson, Detroit 29
Brown, Saml. M.....18268 Sorrento Ave., Detroit 35
Brown, Saul.....6767 W. Outer Drive, Detroit 35
Brown, Stanley H.....8544 W. McNichols Rd., Detroit 21
Brown, Thos. A.....5430 W. Warren Ave., Detroit 10
Brownell, H. H.....10435 Groh, Grosse Isle
Brownell, Paul G.....18916 Woodward Ave., Detroit 3
Bruder, Robt. C.....21721 Hickery Wood Dr., Dearborn Township
Bruer, Edgar S.....12170 Fort St., Wyandotte
Bruer, Edwin L.....12170 Fort St., Wyandotte
Brundage, Robt. D.....1914 Edgewood, Dearborn
Brunke, Bruno B. (L).....7765 Mack Ave., Detroit 14
Brush, Brock E.....2799 W. Grand Blvd., Detroit 2
Bruton, Martin F.....341 Massachusetts, Detroit 31
Bryan, Donald I.....13700 Woodward Ave., Highland Park 3
Bryan, John B.....2799 W. Grand Blvd., Detroit 2
Bryce, John D.....5400 Trumbull Ave., Detroit 8
Budd, Richard D.....15420 Farmington Road, Livonia
Budson, Danl.....10330 W. 7 Mile Rd., Detroit 21
Buell, John H.....188 Provencal Rd., Detroit 36
Buerki, Robin C.....Henry Ford Hosp., Detroit 2
Buller, Harry L. (A).....4120 Fenkell Ave., Detroit 38
Burge, Robert H.....28343 Joy Rd., Dearborn
Burke, Ralph M.....580 University Pl., Grosse Pointe 30
Burnham, David C.....13700 Woodward Ave., Highland Park
Burns, Robert E.....Henry Ford Hospital, Detroit 2
Burns, Robt. T.....11110 Morang Rd., Detroit 24
Burnside, Howard B.....20403 Stratford, Detroit 21
Burnstine, Julius Y. (L).....45 Owen Ave., Detroit 2
Burnstine, Perry P.....2329 W. Grand Blvd., Detroit 8
Burr, Geo. C. (L).....2016 W. Boston Blvd., Detroit 6
Burr, H. Leonard.....168 Fisher Rd., Detroit 30
Burroughs, Roswell G. ....31624 Auburn Dr., Birmingham
Burrows, Howard A.....10423 W. Warren Ave., Dearborn
Burstein, Harry S.....2950 W. Grand Blvd., Detroit 2
Burstein, I. Marvin.....2950 W. Grand Blvd., Detroit 2
Burstein, Morris M.....2950 W. Grand Blvd., Detroit 2
Burton, DeWitt T.....54 Arden Park, Detroit 2
Burton, Irving F.....26912 York Rd., Huntington Woods
Bush, Glendon J.....18901 W. McNichols, Detroit 19
Butler, Harry J. (L).....33 Waverly Ave., Highland Park
Butler, John D.....2173 W. Grand Blvd., Detroit 8
Butler, J. Payne.....3403 W. Warren St., Detroit 8
Butler, Lawrence H.....14521 East 7 Mile Rd., Detroit 5
Butler, Richard G.....2021 Monroe, Dearborn
Butler, Volney N.....28 W. Adams Ave., Detroit 26
Buttrum, Edward J.....14755 Fenkell St., Detroit 27
Byers, Dudley W. (A).....8934 Oakland, Detroit 11

Cadieux, Henry W. (L).....103 E. Grand Blvd., Detroit 7
Cahalan, Jos. L.....1553 Woodward Ave., Detroit 26
Cain, Waldo L.....8033 12th St., Detroit 6
Caldwell, George L.....12017 Jos. Campau, Detroit 12
Caldwell, John R.....2799 W. Grand Blvd., Detroit 2
Calkins, H. Neill (A).....15302 Gilchrist, Detroit 27
Callaghan, Thos. T.....312 Professional Bldg., Detroit 1
Cameron, Arthur H.....2853 Biddle, Wyandotte
Cameron, Duncan A.....2021 Monroe, Dearborn
Campbell, C. Gordon.....35084 Chestnut, Wayne
Campbell, Duncan (L).....9203 Grand River Ave., Detroit 4
Campbell, Duncan A. (L).....1553 Woodward Ave., Detroit 26
Campbell, Everett W.....7901 W. Jefferson, Detroit 17
Campbell, Malcolm D.....3339 W. Grand Ave., Detroit 38
Campbell, Mary B. (L).....10454 Kingston, Huntington Woods
Campbell, Robt. E.....8445 E. Jefferson Ave., Detroit 14
Campbell, Ruth B.....1536 David Whitney, Detroit 26
Campbell, Thelma W.....2355 Monroe Blvd., Dearborn
Candler, Clarence L.....20040 Mack Ave., Detroit 36
Canter, Allie L.....13700 Woodward, Highland Park 3
Canter, Gayle E.....26 Waverly, Detroit 3
Cantor, Herbert C.....5057 Woodward Ave., Detroit 2
Cantor, Meyer O.....4850 Charing Cross Rd., Birmingham
Cantow, Lawrence A.....3011 W. Grand Blvd., Detroit 2
Capano, Oreste A.....16901 James Couzens, Detroit 35
Capellari, Elmer E.....Box 3059, Detroit
Caputo, Jos. M.....22575 Nona, Dearborn
Caputo, Nancy T.....17712 Mack Ave., Grosse Pte. 30
Capuzzi, Eugene T.....24644 Gleneyrie Dr., Birmingham
Caraway, James E.....35804 John R St., Wayne
Carbone, Louis.....14711 Gratiot Ave., Detroit 5
Carlisle, John C.....1221 Lincoln, Lincoln Park
Carlisle, Jos. D.....1104 Maccabees Bldg., Detroit 2
Carlson, Harold W.....18070 Wildemere Ave., Detroit 21
Carmichael, Edward K.....7815 E. Jefferson Ave., Detroit 14
Carnes, Harry E.....Parke Davis Co., Detroit 32

Carp, Jos.....8717 Van Dyke, Detroit 13
Carpenter, C. J.....P.O. Box 390, Wayne
Carpenter, Glenn B. (L).....2751 W. 7 Mile Rd., Detroit 21
Carpenter, Wm. S.....18255 W. McNichols Rd., Detroit 19
Carr, James G.....14111 Korte, Detroit 15
Carrick, Lee.....18050 Mack Ave., Grosse Pte.
Carroll, Elmer H.....9920 Stoepel Ave., Detroit 4
Carroll, Jerome G.....19723 Dale, Detroit 19
Carroll, Lona B. (L).....1066 Maccabees Bldg., Detroit 2
Carson, Herman J.....7745 Puritan Ave., Detroit 38
Carstens, Henry R. (L).....6896 N. Clunbury Rd., Birmingham
Carter, John M.....18900 Fairway Dr., Detroit 21
Carter, Leland F.....750 Middelsex, Detroit 30
Cash, Ralph.....19316 Jms. Czns. Hwy., Detroit 35
Cassel, Harry E.....6525 Park, Allen Park
Castle, Maurice E.....18980 Wyoming, Detroit 21
Catherwood, Albert E. (L)....1337 David Whitney Bldg., Detroit 26
Caton, Dorothy F. (A).....19182 Mendota, Detroit 21
Caughey, Andrew F., Jr.....16889 James Couzens Hwy., Detroit 35
Caughey, Edgar H.....11301 Whittier St., Detroit 24
Caumartin, Fred E.....17184 Wildemere, Detroit 21
Cellar, Frank A., Jr.....5057 Woodward Ave., Detroit 2
Ceravolo, Albert J.....468 Cadieux Rd., Detroit 30
Cetnar, Eugene J.....4322 Bishop, Detroit 24
Chajes, Richard.....16603 Plymouth Road, Detroit 27
Chalat, Ned I.....1553 Woodward Ave., Detroit 26
Chall, Henry G.....2941 W. McNichols Rd., Detroit 21
Chapin, Sidney E.....125 N. Military, Dearborn 7
Chapman, Aaron L. (L).....2550 Atkinson, Detroit 6
Chapman, Paul T.....1151 Taylor Ave., Detroit 2
Chapman, Roland H.....7600 John R St., Detroit 2
Chapman, Thomas H.....18901 Grand River Ave., Detroit 23
Chapnick, Henry A.....19322 Wyoming, Detroit 21
Chapper, Barbara M.....861 Monroe, Dearborn
Charleston, R. A.....17256 Pierson, Detroit 19
Charnas, Sidney.....5057 Woodward Ave., Detroit 2
Chase, Clyde H. (R).....8868 Hendrick Dr., Brighton
Chason, Jacob L. (A).....1401 Rivard St., Detroit 7
Chavis, Wm. M.....15866 Twelfth St., Detroit 21
Check, Frank E.....76 W. Adams Ave., Detroit 26
Chen, Allen S. Y.....Wayne Co. Gen. Hosp., Eloise
Chen, Calvin H.....State Hosp., Northville
Chesluk, Herman M.....17191 James Couzens Hwy., Detroit 35
Chester, Alice.....25085 Coolidge Hwy., Oak Park
Chester, Wm. P.....2916 Seminole, Detroit 14
Childs, Geo. M.....2842 W. Grand Blvd., Detroit 2
Chipman, Willard A.....14300 W. McNichols Rd., Detroit 35
Chostner, Grover C. (R).....841 Eden Isle Blvd., St. Petersburg, Fla.
Chown, Marion C.....2853 Biddle St., Wyandotte
Christensen, R. C.....19635 Mack, Grosse Pte. Woods
Christopher, James G.....4777 E. Outer Dr., Detroit 34
Chrouch, Laurence A. (L).....18456 Grand River, Detroit 23
Church, Aloysius S.....19570 Bretton Dr., Detroit 23
Cioffari, Mario S.....19363 Jas Couzens Hwy., Detroit 35
Ciprian, Jos. E.....1775 E. Grand Blvd., Detroit 11
Clapper, Muir.....1401 Rivard St., Detroit 7
Clark, Arthur M.....318 Beechmont, Dearborn
Clark, Chas. J.....136 S. Highland, Dearborn
Clark, Clarence M.....2605 Holbrook Ave., Detroit 12
Clark, Harold E. (L).....17198 Oak Dr., Detroit 21
Clark, Harry G. (R).....509 2nd Ave., Gallipolis, Ohio
Clark, Wm. P.....1808 Baldwin, Ann Arbor
Clarke, Chas. N.....2501 W. Grand Blvd., Detroit 8
Clarke, Norman E.....2501 W. Grand Blvd., Detroit 8
Clarke, Norman E., Jr.....2501 W. Grand Blvd., Detroit 8
Clarke, Robt. B.....76 W. Adams Ave., Detroit 26
Clermont, Volna.....4287 Seebaldt, Detroit 4
Clifford, Geo. O., Jr.....Wayne Univ. Coll. of Med., Detroit 7
Clifford, John E.....2108 Dav. Broad. Tower, Detroit 26
Clifford, Thos. P. (L).....1750 Dav. Whitney Bldg., Detroit 26
Climie, Andrew R. W.....Harper Hospital, Detroit 1
Cline, Richard S.....15101 Plymouth Rd., Detroit 27
Clippert, Julius C. (L).....Hotel Fort Shelby, Detroit
Coan, Glenn L.....2336 Van Alstyne Blvd., Wyandotte
Coates, E. Osborne, Jr.....253 Hillcrest Rd., Detroit 36
Cobane, John H.....10 Peterboro Ave., Detroit 1
Cochrane, Edgar G.....503 Med. Arts Bldg., Detroit 3
Cocorelis, S. G.....35166 Michigan, Wayne
Cohen, Herbert H.....12700 W. 7 Mile Rd., Detroit 35
Cohen, Melvin F.....20242 Braile, Detroit 19
Cohn, Danl. E.....409 Fox Bldg., Detroit 1
Cohoe, Don A. (L).....18916 Woodward Ave., Detroit 3
Cole, James E.....344 Glendale Ave., Detroit 3
Cole, Wyman C. C.....1077 Fisher Bldg., Detroit 2
Cole, Wyman C. C., Jr.....3011 W. Grand Blvd., Detroit 2
Coleman, Margarete W. (L).....58 W. Adams Ave., Detroit 26
Coleman, Peter F.....31410 Joy Rd., Livonia
Coleman, Wm. G.....20526 Grand River Ave., Detroit 19
Collings, M. Raymond (A).....9201 W. Outer Drive, Detroit 19
Collins, James E.....13103 W. Chicago Blvd., Detroit 28
Colvin, Leslie T.....3011 W. Grand Blvd., Detroit 2
Colyer, Raymond G.....284 Pilgrim, Birmingham
Combs, Julius V.....13339 Woodrow Wilson, Detroit 38
Comly, Hunter H.....5475 Woodward, Detroit 2
Compton, Wm. A., Jr.....36825 Bibbins, Romulus
Comstock, Lawrence A.....2299 West Road, Trenton
Conklin, Emma J.....Wayne Co. Gen. Hosp., Eloise
Conley, Lowry C. M. (L).....99 Tuxedo Ave., Detroit 3
Connelly, Richard C.....1401 David Whitney Bldg., Detroit
Connolly, Frank O.....13815 Puritan Ave., Detroit 27
Connolly, Paul J.....16778 Westmoreland Rd., Detroit 19
Connors, John J.....3546 Trumbull Ave., Detroit 8
Cook, James A.....2246 20th Street, Wyandotte
Cook, James C.....3825 Brush St., Detroit 1
Cookinham, Frank.....999 S. Highland, Dearborn
Cooksey, Norton J.....62 W. Kirby, Detroit 2
Cooksey, Warren B.....19510 Stratford Rd., Detroit 21
Cooper, Edmund L.....914 Shirley Dr., Birmingham
Cooper, James B.....18145 Mack Ave., Detroit 24
Cooper, Ralph R.....850 Lakeland, Grosse Pointe 30
Cooper, Richard F.....1553 Woodward Ave., Detroit 26
Corbeille, Catherine.....3011 W. Grand Blvd., Detroit 2
Cortez, Joseph A.....19350 W. McNichols, Detroit 15
Costello, Russell T.....3001 W. Grand Blvd., Detroit 2
Costello, Stephen D.....2031 West Road, Trenton
Cotant, John F.....14341 W. McNichols, Detroit 35
Cotruro, Louis D.....3640 McDougall Ave., Detroit 7
Cotton, Schuyler O. (R).....7904 Vernor Highway, Detroit 9
Coulter, Wm. J.....5258 Chatsworth, Detroit 24
Courtney, Rufus S.....Wayne Co. Gen. Hosp., Eloise
Courville, Chas. J.....1202 Maccabees Bldg., Detroit 2
Cowan, Wilfrid.....14239 Chandler Pk. Dr., Detroit 13
Cowen, Leon B.....5057 Woodward Ave., Detroit 2
Cowen, Robt. L.....91 E. Kirby, Detroit 2
Cox, Frank, Jr.....Henry Ford Hospital, Detroit 2
Coyle, James E.....573 Fisher Bldg., Detroit 2
Craig, Roy E.....74 Fontana Lane, Grosse Pt. Shores
Crawford, Edward W.....63 Meadow Lane, Grosse Pointe 36
Crawford, Robert I.....24651 W. McNichols Rd., Detroit 19
Crews, Thos. H.....3011 W. Grand Blvd., Detroit 2
Crockett, E. E. J.....7341 W. Warren, Detroit 10
Croll, Leo J.....5057 Woodward Ave., Detroit 2
Croll, Maurice.....5057 Woodward Ave., Detroit 2
Crook, Chas. L.....60 Colorado St., Highland Park 3
Cross, Harold E.....68 N. Deepland Rd., Grosse Pointe
Crossen, Robert J.....933 David Whitney Bldg., Detroit

Croushore, James E.....3001 W. Grand Blvd., Detroit 2
Cubberly, Robt. B.....1800 Tuxedo St., Detroit 6
Cueto, Jose M.....14014 E. 7 Mile Rd., Detroit 5
Curhan, Jos. H.....18709 Meyers Rd., Detroit 35
Curtis, Frank E.....10 Peterboro St., Detroit 1
Curtiss, Wm. P.....3181 E. Jefferson, Detroit 7
Cusick, Paul L.....1108 Stroh Bldg., Detroit 26
Czuj, John M.....17198 Oak Dr., Detroit 21

Daignault, M. F.....14300 W. McNichols Rd., Detroit
Daitch, Martin H.....13011 W. McNichols Rd., Detroit 35
Dale, Esther H.....1401 Rivard St., Detroit 7
Dale, Mark.....3702 E. 8 Mile Rd., Detroit 34
Daly, Eugene T.....21714 Fenkell St., Detroit 23
Danforth, James C., Jr.....20175 Mack Ave., Detroit 36
Danforth, Mortimer E. (L).....8655 E. Jefferson, Detroit 14
Danforth, Robt. D.....20175 Mack Ave., Detroit 36
Daoust, Patrick H.....VA Hosp., Dearborn
Darling, Chas. E.....673 Fisher Bldg., Detroit 2
Darling, Milton A.....673-4 Fisher Bldg., Detroit 2
Darnley, James D.....2799 W. Grand Blvd., Detroit 2
Darpin, Peter H. (L).....6602 W. Fort St., Detroit 9
Dashiell, Grayson F.....1800 Tuxedo, Detroit 6
Davidson, David M.....3011 W. Grand Blvd., Detroit 2
Davidson, Harold H.....17111 Indiana, Detroit 21
Davidson, Harry O.....2799 W. Grand Blvd., Detroit 2
Davies, Thos. S. (L).....15425 Kercheval St., Grosse Pointe 30
Davies, Windsor S.....28 W. Adams Ave., Detroit 26
Davis, Herbert A.....15565 Champagne, Allen Park
Davis, Wm. N.....1250 Middlebelt Rd., Inkster
Dawson, W. A. (R).....304 Avenue B S.E., Winter Haven, Fla.
Day, A. Jackson.....245 Cloverly Rd., Detroit 36
Day, Francis T.....18540 Mack, Detroit 36
Day, Jay C.....1553 Woodward Ave., Detroit 26
Dean, Carleton R. (M).....Off. of Vocnl. Rehab., 42 Broadway, Room 1200, New York City 4, N. Y.
De Busk, Roger W.....4160 John R St., Detroit 1
Deering, Robt. J.....1359 Champaign, Lincoln Park
Defever, Cyril R.....19787 Mack Ave., Detroit 36
De Giustino, Caesar.....1175 E. Grand Blvd., Detroit 11
De Groat, Albert F.....1151 Taylor Ave., Detroit 2
Delaini, Stella, M.....3011 W. Grand Blvd., Detroit 2
Delaney, James R.....1020 Dav. Whitney Bldg., Detroit 26
De Lawrence, Betty J.....21576 Michigan Ave., Dearborn
De Lawrence, Thomas.....21576 Michigan Ave., Dearborn
Del Giorno, Thos. E.....St. Johns Hospital, Detroit 36
Del Valle, Mario.....9801 Conant, Detroit 12
Demaray, John F. (L).....15312 Burt Rd., Detroit 23
Dennis, Melvin S.....751 S. Military St., Dearborn
Deponio, Sylvester A.....20215 Van Dyke Ave., Detroit 34
Deresz, Alphonse R.....4204 E. Outer Dr., Detroit 34
Derleth, Paul E.....563 W. Oakridge, Detroit 20
Derr, John W.....702 Maccabees Bldg., Detroit 2
Derrick, C. F.....3677 Fort Street, Lincoln Park
De Smyter, Geo. C.....15527 E. Warren, Detroit 24
De Spelder, Ray E.....2970 W. Grand Blvd., Detroit 2
Deuby, Owen J.....15121 7 Mile Rd., Detroit
Devine, Herbert W.....22101 Moross Rd., Detroit 36
Diakow, Lillian M.....2853 Biddle St., Wyandotte
Dibble, Harry F. (L).....1553 Woodward Ave., Detroit 26
Dickenman, Robt. C.....Presbyterian Med. Cen., San Francisco 15, Cal.
Dickson, Basil R.....337 W. Grand Blvd., Detroit 16
Dickson, Elias L., Jr.....7716 Oakland Ave., Detroit 11
Dickson, Laurie C., Jr.....400 Lincoln Rd., Grosse Pointe 30
Dickson, Leon A.....5535 W. Chicago, Detroit 4
Dickson, Mary D.....18424 Mack Ave., Grosse Pointe 36
Diebel, Nelson W.....660 Cadieux Rd., Detroit 30
Diekman, Fred C.....15800 W. McNichols Rd., Detroit 35
Dieterich, Gordon C.....820 E. University, Ann Arbor
Dietze, Margaret R.....861 Monroe, Dearborn
Dietzel, Hugo O. (R).....844 Hemlock Dr., San Carlos, Calif.

Di Lella, Leonard L.....Henry Ford Hosp., Detroit 2
Dill, Hugh L.....16114 E. Warren Ave., Detroit 24
Dill, J. Lewis.....18615 Birchcrest, Detroit 21
Di Loreto, Panfilo C.....285 Vincennes Pl., Detroit 36
Di Maso, Gennaro J.....21501 Kelly, East Detroit
Dimond, Geo. E.....6853 Orchard St., Dearborn
Dittmer, Edwin F.....18412 Mack Ave., Detroit 36
Ditzler, John W.....581 Rivard Blvd., Detroit 30
Dixon, Fredk. W.....245 S. Martha, Dearborn
Dixon, Ray S. (L).....5001 Van Dyke, Detroit 13
Dodds, John C. (L).....30 Morand Road, Detroit 36
Dodenhoff, Chas. F.....18031 Kelly Rd., Detroit 24
Dodrill, Forest D.....Woodberry Dr., Bloomfield Hills
Doering, Wendell R.....17555 James Couzens, Detroit 35
Dolan, Edward A.....817 David Whitney Bldg., Detroit 26
Dolega, Stanley F.....15640 E. Warren Ave., Detroit 24
Dolgoff, Sidney.....15600 Michigan Ave., Dearborn
Dolin, Simon.....Lynn Hospital, Detroit 17
Domzalski, Casimir A.....5361 McDougall Ave., Detroit 11
Domzalski, Henry M.....15252 Gratiot Ave., Detroit 5
Donald, Douglas.....7815 E. Jefferson Ave., Detroit 14
Donovan, Eugene T.....13365 Michigan Ave., Dearborn
Donovan, Richard S.....17555 James Couzens, Detroit 35
Doran, John H.....15101 Plymouth Rd., Detroit 27
Dorman, Jack.....18245 Warrington Dr., Detroit 21
Dorsey, John M.....65 Moss Avenue, Highland Park 3
Doty, Chester A. (L).....1553 Woodward Ave., Detroit 26
Doub, Howard P.....2799 W. Grand Blvd., Detroit 2
Dougherty, Edward A., Jr.....18241 W. McNichols Road, Detroit 19
Douglas, Clair L. (L).....1553 Woodward Ave., Detroit 26
Douglass, Robt. C.....32316 Grand River Ave., Farmington
Dovitz, Benj. W.....16820 Greenfield Ave., Detroit 35
Dowdle, Edward (L).....2501 W. Grand Blvd., Detroit 8
Downer, Ira G.....8445 E. Jefferson Ave., Detroit 14
Downes, Geo. O.....15062 Houston, Detroit 5
Downes, Haskell E.....Henry Ford Hosp., Detroit 2
Drake, Ellery T.....25701 Joy Road, Dearborn
Drake, Ellet H.....2799 West Grand Blvd., Detroit 2
Drake, James J. (R).....8845 Marygrove Dr., Detroit 21
Draves, Edward F.....19647 Joy Rd., Detroit 28
Drazek, Jos. A.....18980 Wyoming, Detroit 21
Drews, Robt. S.....12500 Broadstreet Blvd., Detroit 4
Drinkaus, Harold I. (M).....1029 Yorkshire, Grosse Pte. 30
Drompp, Ben W.....Det. Receiving Hosp., Detroit 26
Droock, Victor.....10 Peterboro St., Detroit 1
D'Sena, Dorothy .....35084 Chestnut, Wayne
Dubin, Jos. J.....10401 W. Chicago Blvd., Detroit 4
Dubnove, Aaron.....2115 W. Grand Blvd., Detroit 8
Dubpernell, Martin S. (L).....4019 Gilbert St., Detroit 10
Dubpernell, Robt. O.....18595 Grand River, Detroit 23
Dudek, John J.....16401 Grand River, Detroit 27
Dumke, Paul R.....2799 W. Grand Blvd., Detroit 2
Dundas, Edward M.....1235 Beechmont, Dearborn
Dunlap, Henry A.....7815 Jefferson Ave. E., Detroit 14
Dunn, Cornelius E.....3496 Burns, Detroit 14
Dupler, Gerald E.....10 Peterboro, Detroit 1
Durham, Everett W.....844 N. Highland St., Dearborn
Durham, Robt.....Henry Ford Hosp., Detroit 2
Durocher, Edmund J. (L).....4158 W. Jefferson Ave., Ecorse 18
Dutcher, Dwight J.....711 S. Oxford, Detroit 36
Duwe, Frank A.....25296 Fenkell, Detroit 39
Dwaihy, Paul J.....14530 E. Warren, Detroit 15
Dwyer, Francis W.....14440 W. McNichols, Detroit 35
Dyer, H. Lorne.....20133 Valley Rd., Northville
Dykema, Rosemary M.....18424 Mack Ave., Detroit 36
Dziuba, John F.....18901 W. Warren Ave., Detroit 28
Dzul, Paul.....14620 E. 7 Mile Rd., Detroit 5

Eades, Chas. C.....19635 Mack Ave., Detroit 36
Eadie, Gordon A.....16083 Southampton St., Livonia
Eakins, F. J. (R).....Henderson County, Robards, Ky.
Easterly, Robt. L.....1404 Ford Avenue, Wyandotte

Eaton, Crosby D.....3011 W. Grand Blvd., Detroit 2
Echt, Raymond J.....Box 3059, Detroit
Eckhous, Arthur W.....1015 Kales Bldg., Detroit 26
Economy, Donald E.....7854 Kentucky, Dearborn
Eder, Saml. J.....5057 Woodward Ave., Detroit 2
Edgar, Irving I.....5057 Woodward Ave., Detroit 2
Edmonds, Gerald W.....19795 St. Marys Ave., Detroit 35
Edmonds, Wm. N.....18525 Merriman Rd., Livonia
Edmondson, Robt. B.....18501 Mack Ave., Detroit 36
Edwards, James G.....17751 E. Warren Ave., Detroit 24
Egan, Charles F.....Wyandotte Gen. Hosp., Wyandotte
Eisman, Clarence H. (L).....1121 Whittier Rd., Grosse Pointe 30
Eldredge, Edward F.....18540 Mack Ave., Grosse Pointe 36
Elliott, Robt. N.....976 Maccabees Bldg., Detroit 2
Elliott, Wm. G.....4101 Fenkell Ave., Detroit 38
Ellis, Frank R.....800 S. Lafayette, Dearborn 7
Elman, Meyer J.....14002 Woodward Ave., Highland Park 3
Elson, Abraham L. (A).....20236 Westmoreland, Detroit 19
Elvidge, Robt. J.....2900 W. Grand Blvd., Detroit 2
Emmert, Herman C. (L).....4927 N. 34th, Arlington 7, Va.
Enfroy, Henri L.....2001 Tuxedo, Detroit 6
Engel, Earl H.....2336 Van Alstyne Blvd., Wyandotte
Engstrom, Fredk. W.....2021 Monroe, Dearborn
Engstrom, Ruby M.....1777 Culver Ave., Dearborn
Eno, Laurel S.....212 Eastland Pr. Bldg., Detroit 36
Ensign, Dwight C.....Franklin
Erickson, Eldon W.....25750 W. Outer Dr., Lincoln Park
Erman, Jos. M.....9225 Grand River, Detroit 4
Eschbach, Jos. W.....935 S. Military St., Dearborn
Ettinger, Clayton J. (L).....18734 Woodward Ave., Highland Park
Eurs, Frank J.....432 E. Hancock, Detroit 1
Evans, E. Warren.....9025 Linwood, Detroit 6
Evans, Gomer P., Jr.....1553 Woodward Ave., Detroit 26
Evans, Jos. M.....16431 Harper, Detroit 24
Evans, Leland S.....16545 Trinity, Detroit 19
Evison, Emerson O. (A).....1003 Hawthorne Rd., Grosse Pte. Woods
Ewing, Chas. H.....17120 E. Warren, Detroit 24
Eyler, Wm. R.....2799 W. Grand Blvd., Detroit 2
Eyres, Alfred E.....3011 W. Grand Blvd., Detroit 2

Fachnie, Harold L.....4741 Spokane Ave., Detroit 4
Faello, Sebastian J.....16840 E. Warren Ave., Detroit 24
Fagin, Irving D.....18254 Livernois Ave., Detroit 21
Falick, Mordecai L.....3011 W. Grand Blvd., Detroit 2
Falk, Ira E.....17411 Cherrylawn, Detroit 21
Fallis, Lawrence S.....2799 W. Grand, Detroit 2
Fandrich, Theodore S. (R).....17012 Maumee Ave., Grosse Pointe 30
Farbman, Aaron A.....14515 Kercheval, Detroit 15
Farmer, Wm. L., Jr.....8633 John R St., Detroit 2
Farnam, Larry M., Jr.....19787 Mack Ave., Detroit 36
Faunce, Sherman P.....1824 Seminole St., Detroit 14
Fea, John F.....Mt. Carmel Mercy Hosp., Detroit 35
Feigelson, Howard H.....Sinai Hospital, Detroit 35
Felcyn, W. Geo.....2091 W. Grand Blvd., Detroit 8
Feld, David.....15101 W. McNichols Rd., Detroit 35
Feldkamp, Lee E.....585 Forest Ave., Plymouth
Feldman, Nathanial L.....24370 Tamarack Circle, Southfield
Feldman, Paul H.....16800 Greenfield, Detroit 35
Feldstein, Martin Z.....13345 W. McNichols Rd., Detroit 35
Fellner, Wm. A.....3 202 Gen. Motors Bldg., Detroit 2
Fenech, Harold B.....324 Professional Bldg., Detroit 1
Fenner, Wm. G.....12454 E. Outer Dr., Detroit 24
Fennessey, John F.....512 Rivard, Grosse Pte. 30
Fenton, Edwin H.....15125 Grand River Ave., Detroit 27
Fenton, Meryl M.....8600 W. McNichols Rd., Detroit 21
Fenton, Russell F.....15125 Grand River Ave., Detroit 27
Fenton, Stanley C.....15618 E. Warren, Detroit 24
Fentress, Vance.....641 David Whitney, Detroit 26
Ferrara, Louis V.....13805 Park Grove, Detroit 5
Ferrara, Richard J.....20323 Mack, Grosse Pte. Woods
Ferrara, Virginia M.....18422 Woodward, Detroit 3
Ferris, George N.....17555 James Couzens, Detroit 35
Ferszt, Marion S.....18019 Rutherford, Detroit 35
Figiel, Leo S.....719 Berkshire, Grosse Pte. 30
Figiel, Steven J.....4160 John R St., Detroit 1
Filkin, Lawrence E.....621 Fairbrook, Northville
Fill, Leon .....987 E. Jefferson, Detroit 7
Finch, Alvis D.....18000 Jas. Couzens Hwy., Detroit 35
Finch, F. Sinclair.....894 N. Renaud, Detroit 36
Fine, Edward .....1112 Kales Bldg., Detroit 26
Fine, Gerald.....Henry Ford Hosp., Detroit 2
Fink, Saml.....10161 Burton, Oak Park
Finkell, Lawrence J.....15231 W. 7 Mile Rd., Detroit 35
Finck, Jerome H.....25447 Plymouth Rd., Detroit 39
Finkelstein, M. B.....18254 Livernois, Detroit 21
Finkelstein, Lionel (A).....21415 W. 8 Mi. Rd., Detroit 19
Firnschild, Paul G.....2966 Biddle, Wyandotte
Fischer, Fredk. J.....654 Fisher Bldg., Detroit
Fischhoff, Jos.....18674 Fairfield, Detroit 21
Fishbein, Herbert L.....987 E. Jefferson Ave., Detroit 7
Fisher, Geo. S.....1709 Dav. Whitney Bldg., Detroit 26
Fisher, James M.....176 Merriweather, Grosse Pte. 36
Fisher, Otto O. (L).....2475 Iroquois Ave., Detroit 14
Fisher, Ralph L.....8445 E. Jefferson Ave., Detroit 14
Fitzgerald, James M.....2536 W. Grand Blvd., Detroit 8
Fitzpatrick, F. W.....17300 Schaefer, Detroit 35
Flaherty, Henry J.....19600 W. McNichols Rd., Detroit 19
Flaherty, Norman W.....24315 Fairmont Dr., Dearborn
Fleming, Jos. L.....7360 LaSalle Blvd., Detroit 6
Flora, Wm. R.....8100 E. Jefferson Ave., Detroit 14
Flower, James A.....14140 Puritan Ave., Detroit 27
Fogt, Herbert E. (L).....11801 Morang Dr., Detroit 24
Fogt, Robt. G.....11801 Morang Dr., Detroit 24
Foley, Hugh S.....22255 W. Michigan Ave., Dearborn
Font, Anthony J.....710 Kales Bldg., Detroit 26
Foote, John A.....1336 Southfield Rd., Lincoln Park
Ford, Geo. A. (L).....28 W. Adams Ave., Detroit 26
Fordell, Frank S.....441 S. Oakwood Ave., Detroit 17
Forgrave, Edward G.....18520 Grand River, Detroit 23
Forrer, Gordon R.....20141 James Couzens, Detroit 35
Fosnaugh, Robert P.....6214 Appoline, Dearborn
Foster, E. Bruce.....852 Fisher Bldg., Detroit 2
Foster, Owen C.....1553 Woodward Ave., Detroit 26
Foster, Wallace M.....13700 Woodward Ave., Highland Park 3
Fowler, Melvin E.....247 E. Warren St., Detroit 1
Fraiberg, Paul L.....13001 W. Chicago Blvd., Detroit 28
Frame, Boy.....1051 Covington Dr., Detroit 3
France, Chas. J.....838 Berkshire Rd., Grosse Pointe 30
Franjac, Marion J.....25447 Plymouth Rd., Detroit 39
Franklin, John E.....27545 Mich. Ave., Inkster
Franzen, Nils A.....19566 W. Grand River, Detroit 23
Frazer, Mary M.....812 Kales Bldg., Detroit 26
Frederickson, Geo. C.....1116 Maccabees Bldg., Detroit 2
Free, Harry W.....14300 W. McNichols, Detroit 35
Freedman, John.....4853 Second Blvd., Detroit 1
Freedman, Milton.....18626 Santa Barbara Dr., Detroit 21
Freeman, Donald K.....881 Chalmers St., Detroit 15
Freeman, Mable.....1316 David Broderick Tower, Detroit 26
Freeman, Michael W.....1810 Wellesley Dr., Detroit 3
Freeman, Wilmer.....940 East 7 Mile Rd., Detroit 3
Freid, Saml.....16850 Joy Rd., Detroit 28
Freier, Morton L.....13051 Puritan Ave., Detroit 27
Freitas, Eugene L.....St. Johns Hospital, Detroit 36
Fremont, J. Courtney.....1202-4 David Whitney Bldg., Detroit 26
Frenkel, Eugene P. (A).....University Hosp., Ann Arbor
Frey, James L.....1553 Woodward Ave., Detroit 26
Friedlaender, Alex S.....10300 W. 7 Mile Rd., Detroit 21
Friedlaender, Sidney.....10300 W. 7 Mile Rd., Detroit 21
Friedman, David.....2429 E. Milwaukee Ave., Detroit 11
Friedman, Isidor H.....3773 2nd Ave., Detroit 1
Friedman, Seymour.....5132 Allen Rd., Allen Park

Fritz, Geo. E.....22101 Moross Rd., Detroit 36
Frost, Harold M.....Henry Ford Hosp., Detroit 2
Fryfogle, James D.....C.D. 8 Med. Concourse, Northland Center, Southfield
Fuller, Hugh M.....1257 David Whitney Bldg., Detroit 26
Fulton, Wm. J. (R).....28536 Wildwood Trail, Farmington

Gaffney, J. Mitchell.....13600 Ohio, Detroit 21
Gagliardi, Carl A.....3516 Fort St., Lincoln Park
Gahagan, Thomas.....Henry Ford Hosp., Detroit 2
Gajewski, John E.....Parke Davis and Co., Detroit 32
Galantowicz, H. C.....7433 Mich. Ave., Detroit 10
Galdonyi, Laslo..2311 David Broderick Tower, Detroit 26
Galdonyi, Nicholas.....8001 W. Jefferson Ave., Detroit 17
Galerneau, Darrel B.....7394 Engleman, Centerline
Gall, Henry.....275 W. Grand Blvd., Detroit 16
Galvin, Paul P.....14440 W. McNichols, Detroit 35
Ganos, Thos.....6525 Park St., Allen Park
Ganschow, John H.....1840 Holbrook Ave., Detroit 12
Gardner, Lawrence W.....6071 W. Outer Dr., Detroit 35
Gardner, Max L.....19557 Mack Ave., Grosse Pointe
Gariepy, Louis B.....16401 Grand River St., Detroit 27
Gariepy, Louis J.....16401 Grand River, Detroit 27
Gass, H. Harvey.....958 Fisher Bldg., Detroit 2
Gaston, Herbert B.....7501 W. Morrow Circle, Dearborn
Gates, Nathaniel (L).....516 Professional Bldg., Detroit 1
Gaynor, Alex.....1755 E. 7 Mile Rd., Detroit 3
Gehring, Harold W.....20211 Greenfield, Detroit 35
Geib, Ledru O. (L).....3528 Van Dyke Ave., Detroit 14
Geitz, Wm. A.....7234 E. Forest Ave., Detroit 14
Gelbach, Philip D.....2900 S. Fort St., Detroit 17
Gemeroy, Jos. C.....962 Fisher Bldg., Detroit 2
Gerbasi, Francis S.....2201 E. Jefferson, Detroit 7
Gerisch, Robt. A.....1217 David Whitney Bldg., Detroit 26
Gerondale, Elmond J.....3001 W. Grand Blvd., Detroit 2
Gibson, Dunbar P.....1098 E. Grand Blvd., Detroit 7
Gibson, Wm.....7440 Mack Ave., Detroit 14
Giese, Fred W.....18526 Schoolcraft, Detroit 23
Gigante, Nicola.....10 Peterboro, Detroit 1
Gigliotti, David.....2500 W. Grand Blvd., Detroit 8
Gilbert, Harold R.....13146 Phelps, Wyandotte
Gillespie, Stephen M.....1011 Haigh Ave., Dearborn
Gilpin, Watson A.....4560 Nicigara Lane, Birmingham
Gilreath, James L.....8751 Linwood, Detroit 6
Gimbel, Nicholas S.....1401 Rivard St., Detroit 7
Ginsberg, Harold I.....15344 McNichols Rd., Detroit 35
Gitlin, Chas.....15301 W. 9 Mile Rd., Oak Park 37
Gittins, Perry C.....20210 Renfrew Ave., Detroit 21
Givens, Donovan H.....3453 Charlevoix Ave., Detroit 7
Gizynski, Waldemar E.....15400 Edington Rd., Livonia
Glas, Wayne W.....Wayne Co. Gen. Hosp., Eloise
Glasgow, Gordon K.....1174 3 Mile Rd., Grosse Pointe 30
Glassman, Saml. (L).....9233 Emerson Surf Side Miami Beach, Florida
Glazer, Walter S.....1490 Charrington Rd., Birmingham
Glees, John L.....P.O. Box 1318, Detroit
Glemet, Raymond B.....3314 Bagley Ave., Detroit 16
Glikman, Victor.....20131 James Couzens, Detroit 35
Glowacki, Ben F.....5057 Woodward Ave., Detroit 2
Glowacki, Edward T.....5224 St. Antoine St., Detroit 2
Godley, Alegro J.....18060 Conant St., Detroit 34
Goerke, Elmer A.....36663 Goddard Rd., Romulus
Goetz, Angus G.....1553 Woodward Ave., Detroit 26
Goins, Wm. F.....6675 Tireman, Detroit 4
Goldberg, Arthur.....340 E. 8 Mile Rd., Detroit 3
Goldberg, Harry H. (L).....2211 Woodward Ave., Detroit 1
Goldberg, Nathan H.....2211 Woodward Ave., Detroit 1
Golden, Alfred.....26764 York Rd., Huntington Woods
Goldfaden, Alfred.....6658 W. Fort St., Detroit 9
Goldin, Morris I.....5057 Woodward Ave., Detroit 2
Goldman, Aubrey.....17191 James Couzens, Detroit 35
Goldman, Perry.....16805 Princeton, Detroit 21
Goldrath, Milton H.....569 Fisher Bldg., Detroit 2
Goldstein, Abe S.....18450 North Lawn, Detroit 21
Goldstein, Sidney.....22140 Marlow Ave., Oak Park 37
Goldstone, Rubie R.....10 Peterboro, Detroit 1
Gollman, Maurice D.....5057 Woodward Ave., Detroit 2
Gomley, Romuald H.....7220 Gratiot Ave., Detroit 13
Gonne, Wm. S.....18903 Fairfield Ave., Detroit 21
Goodman, Maxwell M.....22265 Garrison, Dearborn
Goodman, Virgil P.....762 Bedford Rd., Grosse Pte. Pk.
Goodwin, Norman L.....18700 Meyers Rd., Detroit 35
Goodwin, Warren W.....20131 James Couzens, Detroit 35
Goodwin, William P.....3413 McDougall, Detroit 7
Gordon, John W. (R).....12700 Mendota Ave., Detroit 38
Gordon, Wm. E.....18058 Greenfield, Detroit 35
Gorelick, Martin J.....23901 Michigan Ave., Dearborn
Gorning, Raymond P.....857 Marlborough Ave., Detroit 15
Goryl, Stephen V.....21501 Kelly, East Detroit
Goss, Saml. B.....10 Peterboro, Detroit 1
Gostine, Edmond J.....9750 Chalmers, Detroit 5
Gottlieb, Jacques S.....951 E. Lafayette, Detroit 7
Gottschalk, Fred W.....5057 Woodward Ave., Detroit 2
Goudie, Fredk. D.....27210 Eldorado, Lathrup Village
Gould, Sylvester E.....Wayne Co. Gen. Hosp., Eloise
Goux, Raymond S. (L).....545 David Whitney Bldg., Detroit 26
Grace, Jos. M.....27453 Rainbow Circle, Lathrup Village
Grady, Jos. A.....946 3 Mile Dr., Detroit 30
Grafflin, Allan L.....Henry Ford Hosp., Detroit 2
Graham, John G., Jr.....491 Lincoln Rd., Grosse Pointe 30
Graham, Julius A.....4102 Brush St., Detroit 1
Grajewski, Leo E. (L).....2201 E. Jefferson Ave., Detroit 7
Granger, Francis L.....14160 Gratiot Ave., Detroit 5
Granger, George R.....705 David Whitney Bldg., Detroit 26
Grant, Abraham H.....18024 Sorrento, Detroit 35
Grant, Heman, E. (L).....Lewiston
Gratton, Henri L. (L).....76 W. Adams Ave., Detroit 26
Graves, James H.....17007 Kercheval, Detroit 30
Gray, Howard O.....1308 Broadway, Detroit 26
Gray, Jacques P.....8900 E. Jefferson Ave., Detroit 14
Greek, Louis M.....12901 E. McNichols, Detroit 5
Green, Edward W.....2799 W. Grand Blvd., Detroit 2
Green, Ellis R. (L).....5172 Scotten Ave., Detroit 10
Green, Lewis.....13000 Grand River, Detroit 27
Green Louis M.....14636 E. 7 Mile Rd., Detroit 5
Green, Nelson W.....15800 W. McNichols, Detroit 35
Greenberg, Jack R.....15743 W. 7 Mile Rd., Detroit 35
Greenberg, Julius J.....5238 W. Outer Drive, Detroit 35
Greenberg, Morris Z.....9105 Van Dyke, Detroit 13
Greenberg, Stanley.....3919 John R Street, Detroit 1
Greene, John B.....2179 W. Grand Blvd., Detroit 8
Greenidge, Robt. I. (L).....4839 Beaubien St., Detroit 1
Greenlee, Wm. T.....15053 Maddelein, Detroit 5
Greenslit, Frank S.....U.S. Vets. Admin. Hosp., Dearborn
Gregory, Louis J.....15220 Collingham, Detroit 5
Greifenstein, F. E.....1401 Rivard, Detroit 7
Greiner, Bert A.....14607 E. 7 Mile Rd., Detroit 5
Grekin, John N.....7421 W. 7 Mile Rd., Detroit 21
Grier, Wm. H.....2200 W. Boston Blvd., Detroit
Griffin, Robert J.....4900 Cadieux, Detroit 24
Griffiths, Sydney J.....15400 Plymouth Rd., Detroit 27
Grimaldi, Gregory J.....2983 Seminole, Detroit 14
Grinstein, Alexander.....18466 Wildemere, Detroit 21
Grishkoff, M. A.....2201 E. Jefferson, Detroit 7
Griva-Lizlovs, S.....29901 Ford Rd., Garden City
Grob, Otto.....7385 Parkstone Lane, Birmingham
Gross, Louis.....18937 Van Dyke St., Detroit 34
Grossman, Solomon C.....538 Maccabees Bldg., Detroit 2
Guerrero, Jose.....13700 Woodward, Detroit 3
Guidot, Julian M.....16401 Grand River, Detroit
Guimaraes, Abilio S.....7301 Schaffer Hwy., Dearborn
Guinan, Geo. E.....27614 Gainsborough, Inkster
Gulick, Arthur E.....1429 Dav. Whitney Bldg., Detroit 26
Gurdjian, Elisha S.....1553 Woodward Ave., Detroit 26
Gurskis, Eugenia E.....504 Kales Bldg., Detroit 26
Gutow, Benjamin R.....7441 W. 7 Mile Rd., Detroit 21
Guyton, Jack S.....2799 W. Grand Blvd., Detroit 2

Hacker, Elaine M.....293 Merriweather, Grosse Pointe Farms

Hackert, John L.....2900 S. Fort St., Detroit 17
Hackelman, G. L. (A).....430 Pitsanuloke Road, Bangkok, Thailand
Haddad, Benjamin F.....1010 Mich. Mutual Bldg., Detroit 26
Hadesman, Donald.....985 E. Jefferson, Detroit 7
Haefele, Leslie P.....29108 Ford Rd., Garden City
Hagermoser, H. H. (M).....5991 Yorkshire, Detroit 24
Hagge, Donald R.....1553 Woodward Ave., Detroit 26
Haidostian, B. H.....18456 Grand River, Detroit 23
Haitinger, K. S.....327 Professional Bldg., Detroit 1
Haking, Leonard.....14014 E. 7 Mile Rd., Detroit 5
Halekas, G. Peter.....21727 Mack Ave., St. Clair Shores
Hall, Arch H.....10 Peterboro, Detroit 1
Hall, E. Walter.....19210 Bretton Dr., Detroit 23
Hall, Ralph E.....10 Peterboro St., Detroit 1
Hall, Robt. J.....6014 W. Fort St., Detroit 9
Hall, Winthrop D.....5237 Oakman Blvd., Dearborn
Hallen, Leonard J.....18205 Parkside, Detroit 21
H'Amada, Norman K.....315 Snell Rd., R. 2, Rochester
Hamburg, Robt. H.....17317 Chapel Ave., Detroit 19
Hamburger, Joel I. (A).....16650 James Couzens, Detroit 21
Hamburger, Stuart W.....16650 James Couzens Hwy., Detroit 21
Hamil, Brenton M.....Henry Ford Hosp., Detroit 2
Hamilton, Norman C.....300 W. McNichols Rd., Detroit 3
Hamilton, Quentin P.....Medical Arts Bldg., Detroit 3
Hammer, Edwin J.....16616 Mack Ave., Detroit 24
Hammer, Roy W.....16620 E. Warren, Detroit 24
Hammond, Arthur E.....1553 Woodward Ave., Detroit 26
Hammond, James L. (L).....1911 Sunset Dr., Escondido, Calif.
Handel, Jack E.....1800 Tuxedo, Detroit 6
Hank, Emil J.....32316 Grand River, Farmington
Hansen, Fredk. E. (L).....Port Austin
Hansen, John W.....8877 Perrin Dr., Livonia
Hanyi, Karl.....1771 Ackley, Wayne
Hardstaff, Roy J. (L).....648 Neff Rd., Grosse Pte. 30
Hardt, Barbara A. (A).....15867 Mansfield, Detroit 27
Hardy, Clarence M.....23019 Ecorse Rd., Taylor
Hardy, Warren G.....801 Dav. Whitney Bldg., Detroit 26
Harelik, Ely W.....15201 W. McNichols, Detroit 35
Harkaway, Roman W.....19125 Van Dyke, Detroit 34
Harley, Garth H.....21831 Willoway Rd., Dearborn
Harley, Louis M.....4100 W. McNichols Rd., Detroit 21
Harm, Winfred B.....16260 Cherrylawn Ave., Detroit 21
Harmon, Edwin L.....441 E. Jefferson, Detroit 26
Harmon, Walter, Jr.....2510 E. Davison, Detroit 12
Harper, Jesse T.....1252 Dav. Whitney Bldg., Detroit 26
Harrell, Voss.....1035 Oakwood Ave., Dearborn 7
Harrington, F. L.....14341 W. McNichols, Detroit 35
Harris, A. D.....7341 W. Warren, Detroit 10
Harris, Harcourt G.....9141 Dexter Blvd., Detroit 6
Harris, Harold H.....8011 W. Vernor Highway, Detroit 9
Harris, Ivor D .....1553 Woodward Ave., Detroit 26
Hart, Charles E.....23845 Van Dyke, Centerline
Hart, John C.....9341 Moffat, Detroit 13
Harten, James N.....25750 W. Outer Dr., Lincoln Park
Hartkop, Henry H.....20055 Mack Ave., Detroit 36
Hartquist, Robt. J.....1495 Fort St., Wyandotte
Hartzell, John B.....7815 Jefferson Ave. E., Detroit 14
Hasley, Clyde K.....1553 Woodward Ave., Detroit 26
Hasley, Danl. E.....1401 Rivard, Detroit 7
Hassig, Walter W.....20914 Kelly, East Detroit
Hastings, Orville J.....15744 Harper Ave., Detroit 24
Haszczyc, Vladimir A.....2730 E. Jefferson, Detroit 7
Hathaway, Hubert R.....230 Madison Ave., Detroit 26
Haubrich, Wm. S.....Henry Ford Hosp., Detroit 2
Hauf, Mary A.....10573 Morang, Detroit 24
Hause, Glen E.....18520 Grand River, Detroit 23
Hauser, I. Jerome.....7411 Third Ave., Detroit 2
Hauser, John E.....671 Fisher Bldg., Detroit 2
Hauser, Maurice J. (A).....7411 Third Ave., Detroit 2
Hauss, Robert B.....7348 Kercheval, Detroit 14
Havers, Howard (L).....5057 Woodward Ave., Detroit 2
Hawkins, James W.....14180 Woodmont, Detroit 27
Hayes, A. Lewis.....15121 W. 7 Mile, Detroit 35
Hayes, Dean M.....713 David Whitney Bldg., Detroit 26
Hazen, Roy S.....20526 Grand River Ave., Detroit 19
Heath, Leonard P.....1553 Woodward Ave., Detroit 26
Heavner, Lyle E.....119 Kercheval, Grosse Pointe 36
Hecht, Manes S.....25717 Coolidge, Oak Park 37
Heenan, Theophilus H.....1553 Woodward Ave., Detroit 26
Heideman, Louis E.....20211 Greenfield Rd., Detroit 35
Heins, Marilyn.....387 Mount Vernon, Grosse Pte. Farms
Heldt, Richard F.....1951 Monroe Blvd., Dearborn
Heldt, Thos. J. (L).....2799 W. Grand Blvd., Detroit 2
Hendelman, Manuel H.....17141 Hayes, Detroit 5
Henderson, Allison B.....9041 Dexter Blvd., Detroit 6
Henderson, Arthur B. (L).....10452 Mack Ave., Detroit 14
Henderson, Chas. W.....3011 W. Grand Blvd., Detroit 2
Henderson, Frederic C.....17830 E. Warren, Detroit 24
Henderson, Harold.....3011 W. Grand Blvd., Detroit 2
Henderson, Hugh W.....17830 E. Warren, Detroit 24
Henderson, Leslie T.....14814 E. Warren, Detroit 15
Henderson, Wm. E.....9341 Chalmers, Detroit 13
Henig, Fred N.....7605 W. 7 Mile Rd., Detroit 21
Henkin, Raymond.....20232 Braile, Detroit
Henkin, Wm. A.....18215 Greenfield, Detroit 35
Henrich, Laurence E.....2501 W. Grand Blvd., Detroit 8
Henry, Robert C.....16127 Baylis, Detroit 21
Herbst, Harold B.....20482 Ardmore, Detroit 35
Herrold, Rose E.....1277 E. Grand Blvd., Detroit 11
Herschelmann, Roy F.....3343 Gratiot Ave., Detroit 7
Hertzler, Jack H.....3011 W. Grand Blvd., Detroit 2
Herwick, John T.....2799 W. Grand Blvd., Detroit 2
Hess, Murray W.....23860 Seneca, Oak Park 37
Heyman, Louis F.....19009 W. 7 Mile Rd., Detroit 19
Heyner, Stanley A.....3424 Oakman Blvd., Detroit 4
Hickey, Jos.....6004 W. Fort St., Detroit 9
Hicks, Fredk. G.....1000 Westwood, Birmingham
Hill, Edward J., Jr.....1553 Woodward Ave., Detroit 26
Hill, Welford T.....6303 Mack Ave., Detroit 7
Hillenberg, Sidney J.....19350 W. 7 Mile Rd., Detroit 19
Hiller, Glenn I.....13700 Woodward Ave., Detroit 3
Hiller, Herbert M.....1057 Covington Dr., Detroit 3
Hillier, Leland G.....18750 Woodward Ave., Detroit 3
Hillyer, John W.....26151 Huron River Dr., Flat Rock
Hilton, Wm. E.....5013 Harding, Detroit 13
Hinchman, D. F.....27459 5 Mile Rd., Livonia
Hipps, Chauncey J.....2605 W. Grand Blvd., Detroit 8
Hiratzka, Tomiharu.....1401 Rivard St., Detroit 7
Hirsch, Lore.....212 S. Melborn, Dearborn
Hirschfeld, A. H.....829 Fisher Bldg., Detroit 2
Hirschman, Louis J. (L).....2619 Munson Ave., Traverse City
Hirt, Harry.....18975 Cherrylawn, Detroit 21
Hoagland, F. L. (A).....1260 E. Grand Blvd., Detroit 11
Hoagland, Thos. V.....81 E. Kirby, Detroit 2
Hobbs, Donald V...27305 Southfield Rd., Lathrup Village
Hochman, Morton M.....16633 Plymouth Rd., Detroit 27
Hodges, Jason.....26401 Harper, St. Clair Shores
Hodgkinson, Chas. P.....17546 Meadwood Ave., Lathrup Village
Hoffer, Thos.....5825 Allen Rd., Allen Park
Hoffman, Ben G.....19545 Shrewsbury, Detroit 21
Hoffman, Edward A.....7615 W. Vernor Hwy., Detroit 9
Hoffman, Edwin S.....14877 Warwick Rd., Detroit 23
Hoffman, Harry Y.....15085 E. 7 Mile Rd., Detroit 5
Hoffman, Henry A.....10015 E. Outer Dr., Detroit 24
Hoffman, Louis.....18203 Birchcrest Dr., Detroit 21
Hoffman, Milton C.....18555 E. Warren, Detroit 36
Hoffmann, Martin H.....1311 David Whitney Bldg., Detroit 26
Hogikyan, Azat.....16901 W. McNichols Rd., Detroit 35
Holdredge, Jean M.....3011 W. Grand Blvd., Detroit 2
Hollander, Abraham J.....8026 Michigan Ave., Detroit 10
Hollinger, F. Wayne.....2799 W. Grand Blvd., Detroit 2
Hollis, Henry B.....6809 Sirena, Detroit 10
Holloway, Horace R.....2017 W. Boston Blvd., Detroit 6
Holloway, Janet L.....1116 Maccabees Bldg., Detroit 2
Holmes, Geo. F.....14729 Champaign, Allen Park
Holstein, Arthur P.....7850 E. Jefferson, Detroit 24

Holt, Chas. J., Jr.....1575 Faircourt, Grosse Pointe 36
Holt, Henry T.....5050 Cass St., Detroit 2
Honhart, Fred L. (L).....1405 Berkshire Rd., Grosse Pointe 30
Hooker, Lyle T.....35550 Michigan Ave., Wayne
Hoops, Geo. B. (L).....3001 W. Grand Blvd., Detroit 2
Hopkins, Andrew J.....10149 Michigan Ave., Dearborn
Hopkins, Scovell M.....5057 Woodward Ave., Detroit 2
Hopkins, Wm. J.....1069 Fisher Bldg., Detroit 2
Horkins, Earl J.....10963 Farmington Rd., Livonia
Horn, Robt. C., Jr.....2799 W. Grand Blvd., Detroit 2
Hornbeck, Robert J.....33563 W. 5 Mile Rd., Livonia
Horny, Hugo O.....619 Barrington Rd., Detroit 30
Horton, Reece H.....1553 Woodward Ave., Detroit 26
Horvath, James J.....1553 Woodward Ave., Detroit 26
Hotchkiss, Loris M.....33220 W. 7 Mile Rd., Livonia
House, Walter W., Jr.....10350 12th St., Detroit 6
Howard, Austin Z.....1553 Woodward Ave., Detroit 26
Howard, Philip J.....Henry Ford Hosp., Detroit 2
Howell, Bert F.....10800 Whittier Rd., Detroit 24
Howell, James T.....2799 W. Grand Blvd., Detroit 2
Howes, Homer A...1515 David Whitney Bldg., Detroit 26
Howes, Willard B.....4404 Samosot Rd., Royal Oak
Howlett, Howard T.....3011 W. Grand Blvd., Detroit 2
Hromadko, Louis.....3011 W. Grand Blvd., Detroit 2
Hubbard, John P., Jr.....14620 E. 7 Mile Rd., Detroit 5
Huber, Philip J.....1724 Bassett, Royal Oak
Hudson, J. Stewart.....17443 E. Jefferson Ave., Grosse Pointe 30
Hudson, Wm. A.....1553 Woodward Ave., Detroit 26
Hudspeth, E. Rae.....753 Fisher Bldg., Detroit 2
Huegli, Wilfred A.....16840 E. Warren Ave., Detroit 24
Huggins, H. Horne.....8355 Gratiot, Detroit 13
Hulick, Archie G.....15525 Amherst Rd., Birmingham
Hull, Leroy W. (L)....20115 Canterbury Rd., Detroit 21
Hume, H. Ross, Jr.....1553 Woodward Ave., Detroit 26
Huminski, Thaddeus S.....19244 Van Dyke Ave., Detroit 34
Hummel, Arthur R.....1020 3 Mile Dr., Grosse Pointe 30
Hunt, Theodore H.....19431 Van Dyke Ave., Detroit 34
Hunt, Verne G.....1553 Woodward Ave., Detroit 26
Hunter, Basil H.....13341 Livernois Ave., Detroit 38
Hunter, Donald G.....3245 E. Jefferson, Detroit 17
Hunter, Robert B.....Henry Ford Hosp., Detroit 2
Husband, Chas. W. (L).....14500 W. McNichols, Detroit
Husband, Raymond C...14500 W. McNichols, Detroit 35
Hutchins, M. Colton.....3011 W. Grand Blvd., Detroit 2
Hyatt, Jarvis M.....22340 Michigan Ave., Dearborn
Hyde, Fredk. W., Jr.....Grace Hospital, Detroit 1
Hyland, John R.....13030 Mack Rd., Detroit 15
Hysni, Aliqemal.....8031 W. Vernor Hwy., Detroit 9

Iacobell, Peter H.....19300 Van Dyke, Detroit 34
Ice, Garnet T.....18060 Conant, Detroit 34
Iglesias, Luis J.....20211 Greenfield, Detroit 35
Igna, Eli J.....2799 W. Grand Blvd., Detroit 2
Irvin, Earle A...Ford Motor Co., American Rd., Dearborn
Irwin, Wm. A.....2500 W. Grand Blvd., Detroit 8
Isaacson, Arthur.....250 E. Columbia, Detroit 1
Israel, Barney B.....5057 Woodward Ave., Detroit 2
Israel, J. Gilbert.....5057 Woodward Ave., Detroit 2
Israel, Kenneth.....10607 W. Seven Mile Rd., Detroit 21
Iwata, Herbert T.....7611 Patton Ave., Detroit 28
Izner, Sanford M.....17500 Schaefer Hwy., Detroit 35

Jacknow, David.....60 W. Hancock, Detroit 1
Jacobs, Howard.....12730 W. McNichols Rd., Detroit 35
Jacobson, Lyle F.....645 Mullett, Detroit 26
Jacobson, Samuel D.....Wayne Co. Gen'l. Hosp., Eloise
Jacobus, Wayne N.....21535 Kingsville Dr., Detroit 36
Jaeger, Grove A.....11711 Minden, Detroit 5
Jaekel, Clarence N.....1086 E. Grand Blvd., Detroit 7
Jaffar, Donald J.....734 Maccabees Bldg., Detroit 2
Jaffe, Harold W.....701 David Whitney Bldg., Detroit 26
Jaffe, Jacob.....2211 Woodward Ave., Detroit 1
Jaffe, Julius L.....7463 Harper Ave., Detroit 13
Jaffe, Louis.....18662 Muirland, Detroit 21
Jahsman, Wm. E. (R)....2799 W. Grand Blvd., Detroit 2
Jakacki, Richard Wm.....16763 Stahelin, Detroit 19
James, Thomas N.....Henry Ford Hosp., Detroit 2
Jamieson, Thos. J.....1310 Warwick, Lincoln Park
Janicki, Natalia J.....Eloise Hosp., Eloise
Jarre, Hans A.....Grace Hospital, Detroit 1
Jarsen, Frank J.....817 Beechmont St., Dearborn
Jarvis, Harold F.....14066 Linnhurst, Detroit 5
Jasion, Lawrence J. (A).....11945 Payton, Detroit 24
Jaslow, Robert I.....Plymouth St. Home & Trg. Sch., Northville
Jaynes, Richard V.....29901 Ford Rd., Garden City
Jeffries, Benj.....16321 Mack Ave., Detroit 24
Jend, Wm., Jr.....1365 Cass Ave., Detroit 26
Jend, Wm. J. (L).....3598 Mitchell Ave., Detroit 17
Jenkins, Elwood A.....1102 David Whitney Bldg., Detroit 26
Jennings, Chas. G.....17800 E. 8 Mile Rd., Harper Woods 36
Jensen, Viggo W.....532 Lincoln Rd., Detroit 30
Jentgen, Chas. J. (L).....22101 Moross Rd., Detroit 36
Jeremias, Robt. C.....90 Moss Ave., Highland Park 3
Jewell, F. C.....159 Kercheval Ave., Detroit 36
Jewell, John S.....2021 Monroe, Suite 203, Dearborn
Jocz, Marion W.....945 Trombley Rd., Detroit 30
Jodar, Emery O.....15760 Mack Ave., Detroit 24
Jodar, Loyal W.....19515 Mack, Grosse Pointe 36
John, Hubert R.....5057 Woodward Ave., Detroit 2
Johnson, Aran S.....1462 Hollywood, Grosse Pointe Woods 30
Johnson, David S.....536 Vinewood, Birmingham
Johnson, Gage.....7647 Linwood, Detroit 6
Johnson, Homer L.....2799 W. Grand Blvd., Detroit 2
Johnson, John F.....1401 Rivard, Detroit 7
Johnson, Ralph A.....7815 E. Jefferson Ave., Detroit 14
Johnson, Simon O.....Cadillac Square Bldg., Detroit 26
Johnson, Thos. D.....20526 Grand River, Detroit 19
Johnson, Verne E.....2051 Monroe Ave., Dearborn
Johnson, Vernon P...21327 Harper Ave., St. Clair Shores
Johnson, Vincent C.....599 Lakeshore Rd., Grosse Pointe Shores
Johnson, Wilbur E.....13626 E. 7 Mile Rd., Detroit 5
Johnson, Wm. H. M.....7157-63 Michigan, Detroit 10
Johnston, Everett V.....3919 John R St., Detroit 1
Johnston, John L. (A)..1950 W. McNichols Rd., Detroit 3
Johnston, Jos. A.....Henry Ford Hosp., Detroit 2
Johnston, Wm. E.....3011 W. Grand Blvd., Detroit 2
Johnstone, Benj. I.....555 Fisher Bldg., Detroit 2
Joinville, Euclide V. (L).....1202 Stroh Bldg., Detroit 26
Jones, Adrian R.....15309 Mack Ave., Detroit 24
Jones, Roy D.....10234 Puritan Ave., Detroit 38
Jones, Wm. J.....8209 Allen Rd., Allen Park
Joos, Thad. H.....20861 Mack, Grosse Pointe Woods
Jordan, Prescott, Jr.....645 Mullett St., Detroit 26
Jordan, R. Gerald.....12410 Van Dyke, Detroit 34
Joyce, Stanley J.....1078 Fisher Bldg., Detroit 2
Juliar, Benj.....17305 Muirland Ave., Detroit 21
Jury, Donald B.....18800 Woodward Ave., Detroit 3

Kacklev, James E.....18514 Mack Ave., Detroit 36
Kaine, Henry D.....3011 W. Grand Blvd., Detroit 2
Kalayjian, Bernard S.....14195 Long Acre Rd., Detroit 27
Kalichman, Nathan.....5057 Woodward Ave., Detroit 2
Kallenbach, Rudolf W.....388 Inkster Rd., Inkster
Kallet, Herbert I.....5057 Woodward Ave., Detroit 2
Kallet, Maerit B.....8620 W. McNichols, Detroit 21
Kallman, David.....2351 W. Grand Blvd., Detroit 8
Kallman, Leo.....2351 W. Grand Blvd., Detroit 8
Kallman, Reuben R.....2631 Woodward Ave., Detroit 1
Kamil, Richard S.....14438 McNichols, Detroit 35
Kamin, Louis E. (A).....3395 Cambridge, Detroit 21
Kaminski, Zeno L. (L).....3510 24th St., Detroit 8
Kamperman, Geo. A. (L)..79 Longfellow Ave., Detroit 2
Kane, Archibald V.....2500 W. Grand Blvd., Detroit 8
Kansa, Selma.....19431 Van Dyke, Detroit 34
Kanter, Herman.....13127 W. 7 Mile Rd., Detroit 35

Kapetansky, A. J.....1728 Clairmount, Detroit 6
Kapetansky, Nathan J.....1728 Clairmount, Detroit 6
Kaplita, Walter A.....60 Fontana Lane, Grosse Pointe Shores
Karch, Saul.....18080 Muirland, Detroit 21
Katz, Martin.....7300 Harding, Taylor
Kasabach, Harry Y.....1553 Woodward Ave., Detroit 26
Kasabach, Vahram Y.....523 Book Tower, Detroit 26
Kashtan, Harry A.....17300 Schaefer, Detroit 35
Kasper, Jos. A.....19953 Clairview Ct., Detroit 36
Kaspor, Albert J.....20901 Moross Rd., Detroit 36
Kass, Arnold.....1316 David Stott Bldg., Detroit 26
Katz, Lawrence.....987 E. Jefferson, Detroit 7
Katzman, Irving S.....412 Fox Bldg., Detroit 1
Kaufman, Jacob M.....618 David Whitney Bldg., Detroit 26
Kaufman, Louis W.....10326 W. 7 Mile, Detroit 21
Kaump, Donald H.....2500 W. Grand Blvd., Detroit 8
Kauppinen, Jalo A.....15400 Plymouth Rd., Detroit 27
Kawchak, James.....Ford Motor Co., Dearborn
Kawecki, Lucian.....10734 Hart Ave., Huntington Woods
Kawel, Conrad A., Jr.....27459 W. Warren, Garden City
Kazdan, Morris.....4619 Allen Road, Allen Park
Keating, Thos. F. (L).....20936 W. Grand River Ave., Detroit 19
Kehoe, Henry J.....15252 Gratiot Ave., Detroit 5
Keim, Harther L.....10 Witherell St., Detroit 26
Keith, Kelly.....106 W. Davison Ave., Highland Park 3
Keith, Rachel H. C. B.....8942 Dexter, Detroit 6
Kelley, Frank J.....3919 John R St., Detroit 1
Kelly, A. P., Jr.....Henry Ford Hosp., Detroit 2
Kelly, Edward W., Jr.....156 Harmon St., Detroit 2
Kelly, James E.....Henry Ford Hosp., Detroit 2
Kelly, John J.....21124 Goddard Rd., Dearborn
Kelly, L. J.....14015 Gratiot, Detroit 5
Kelmenson, Victor A.....2035 Glynn Ct., Detroit 6
Kelson, Malcolm J.....1045 Harvard, Detroit 30
Kemler, Walter J.....4045 W. Jefferson Ave., Ecorse 29
Kennary, James M.....4900 Cadieux Rd., Detroit 24
Kennedy, Chas. S. (L).....10 Peterboro St., Detroit 1
Kennedy, Donald J.....1220 Livernois Ave., Detroit 9
Kenning, John C. (A).....1289 Paseo Del Mirodor, Palm Springs, Calif
Kennison, Warren S.....250 Martin, Birmingham
Kernick, Melvin O.....13700 Woodward Ave., Highland Park 3
Kernkamp, Ralph F.....1204 David Broderick Tower, Detroit 26
Kerzman, Jos. H.....850 Maccabees Bldg., Detroit 2
Keshishian, Sarkis K. (L).....13544 Woodward Ave., Highland Park
Kessler, Chas.....15105 W. 7 Mile Rd., Detroit 35
Kettler, Hans J.....22075 Willmarth, Detroit 19
Keyes, Eugene C.....4840 Maple Ave., Dearborn
Keyes, John W.....Henry Ford Hosp., Detroit 2
Killins, Chas. G.....8100 E. Jefferson, Detroit 14
Kimberlin, K. K., Jr.....11110 Morang Drive, Detroit 24
King, Edward D.....270 Rivard Blvd., Grosse Pointe 30
King, Melbourne J.....5435 W. Vernor Hwy., Detroit 9
Kingswood, Roy C.....90 E. Warren Ave., Detroit 1
Kinsley, George.....15105 W. 7 Mile Rd., Detroit 35
Kitzmiller, J. L.....15800 W. McNichols Ave., Detroit 35
Klein, Herman.....24030 Marlow St., Oak Park
Klein, Howard A.....1838 David Whitney Bldg., Detroit 26
Klein, Sander P.....14825 W. McNichols Rd., Detroit 35
Klein, Wm.....12 Het Kiriat Hain, Haifa, Israel
Kleinman, Shmarya.....16861 Wyoming Ave., Detroit 21
Kliger, David.....7756 Southfield, Detroit 28
Klimchuk, M. M.....31225 E. Jefferson, St. Clair Shores
Klokke, Karl.....12200 E. Jefferson, Detroit
Klosowski, Jos.....8222 E. Outer Drive, Detroit 13
Klosterman, Paul F.....2900 W. Grand Blvd., Detroit 2
Klutke, Geo. H. E.....22159 W. Outer Dr., Dearborn
Knaggs, Earl J.....3164 Biddle Ave., Wyandotte
Knapp, Byron S.....10909 Jefferson Ave., River Rouge 18
Knapp, Floyd B. (R).....16565 Birwood, Detroit 27
Knapp, Gordon R.....422 W. Goldengate, Detroit 3
Knapp, Wm. L.....20100 W. McNichols Rd., Detroit 19
Knighton, Robert S.....2799 W. Grand Blvd., Detroit 2
Knobloch, Edmund J.....5933 Chene St., Detroit 11
Knoch, Hubert S.....14149 E. Jefferson Ave., Detroit 15
Knox, Ross M.....9 Salliotte Rd., Ecorse 29
Kobernick, Sidney D.....6767 W. Outer Dr., Detroit 35
Kobiljak, Stefan H.....3516 Fort St., Lincoln Park
Koebel, R. H.....640 Bedford Lane, Grosse Pointe 30
Koerber, Edward J.....4876 Lakeview Ave., Detroit 15
Kogut, Constantine S.....10627 Puritan, Detroit 38
Kokowicz, Raymond J.....19440 Van Dyke, Detroit 34
Kolman, Isadore I.....987 E. Jefferson Ave., Detroit 17
Koos, Laszlo (M).....2nd Field Hosp., APO 407, New York, N. Y.
Kopel, Jos. O. (L).....10 Peterboro St., Detroit 1
Koran, Valentine L.....5057 Woodward Ave., Detroit 2
Koren, Louis.....3825 Brush, Detroit 1
Korum, Lyle W.....18585 E. Warren St., Detroit 36
Koschnitzke, H. K.....1221 Lincoln, Lincoln Park
Kossayda, Adam W.....15324 Michigan Ave., Dearborn
Kovach, Emery P.....14149 E. Jefferson St., Detroit 15
Kovan, Dennis D.....16965 Hamilton Ave., Highland Park 3
Kowaleski, John J.....9646 Vine, Allen Park
Kozlinski, Anthony E.....2195 E. Grand Blvd., Detroit 11
Krabbenhoft, K. L.....3825 Brush St., Detroit 1
Kraft, Ruth M.....655 Hamilton Rd., Birmingham
Krakauer, Bernard..18424 W. McNichols Rd., Detroit 19
Krass, Edward W.....11088 Gratiot Ave., Detroit 13
Kraus, John J.....16840 E. Warren Ave., Detroit 24
Krebs, Wm. T.....16419 E. Warren Ave., Detroit 24
Kreinbring, Geo. E.....14295 E. 7 Mile Rd., Detroit 5
Krenz, Marlin P. (M).....(No Address)
Kretzschmar, John C.....660 E. Grand Blvd., Detroit 7
Krevsky, David A.....8461 Park, Allen Park
Krevsky, Harold.....8461 Park Ave., Allen Park
Krieg, Earl G.....85 Kercheval Ave., Grosse Pte. Farms
Krieger, Harley L. (R).....11390 Strathmoor, Detroit 27
Krieger, Harvey.....954 Fisher Bldg., Detroit 2
Krieger, Ingeborg.....987 E. Jefferson, Detroit 7
Kritchman, Maurice J.....10 Witherell St., Detroit 26
Kroha, Lawrence A.....15124 Kercheval Ave., Detroit 30
Kroll, H. Harvey V.....7815 E. Jefferson, Detroit 14
Krynicki, Francis X...15300 W. McNichols Rd., Detroit 35
Krystal, Henry.....19210 Coyle, Detroit 35
Kubanek, Jos. L.....23134 Myrtle, Dearborn
Kucmierz, Francis S.....18934 Van Dyke Ave., Detroit 34
Kuehn, Ned N.....20243 Burgess Ave., Detroit 19
Kuhn, Albert A.....90 E. Warren Ave., Detroit 1
Kuhn, Chas. P.....951 E. Lafayette, Detroit 7
Kuhn, Richard F.....1700 Junction Ave., Detroit 9
Kujawski, Walter F.....16840 E. Warren, Detroit 24
Kulaski, Chester H.....9309 Joseph Campau, Detroit 12
Kullman, Harold J.....Vets. Adm. Hosp., Dearborn
Kurcz, Jos. A.....7433 Michigan Ave., Detroit 10
Kurtz, Irvin J.....2211 Woodward Ave., Detroit 1
Kutsche, John D.....2142 West Rd., Trenton
Kwasiborski, S. A.....2300 Oak St., Wyandotte
Kyle, Wm. V., Jr.....28763 Michigan Ave., Inkster
Kyprie, H. M.....708 Kales Bldg., Detroit 26

Laberge, James M.....100 Oak, Wyandotte
La Bine, Alfred C.....8-259 Gen'l. Motors Bldg., Detroit 2
Lackey, Lawrence S.....525 Visger, Ecorse
Laderach, David C.....716 Marquette Dr., Detroit 14
La Ferte, Alfred D. (L).....1001 David Whitney Bldg., Detroit 26
Lahood, Michael J...17555 Jas. Couzens Hwy., Detroit 35
Laige, Raymond J.....P.O. Box 1259, Detroit 31
Lakatos, George C.....35166 Michigan Ave., Wayne
Lake, Robt. C.....8445 E. Jefferson, Detroit 14
Lakin, Alan C.....10326 W. 7 Mile Rd., Detroit 21
Lakoff, Chas. B.....10234 W. 7 Mile Rd., Detroit 21
Lam, Conrad R.....28130 Westbrook Ct., Farmington
Lamberson, Frank A.....19001 Grand River, Detroit 23
Lammy, James V.....776 Maccabees Bldg., Detroit 2
Lampman, Harold H.....3011 W. Grand Blvd., Detroit 2

Landers, James W.....1401 Rivard, Detroit 7
Landers, Maurice B.....275 W. Grand Blvd., Detroit 16
Lang, Ernst F.....Harper Hospital, Detroit 1
Lange, Wm. A.....3919 John R St., Detroit 1
Langston, John D.....1420 St. Antoine St., Detroit 26
Laning, Geo. M. (L).....Ellsworth Hill, Sharon, Conn.
Lansky, Mandell.....16339 E. Warren, Detroit 24
Large, Alfred M.....1553 Woodward Ave., Detroit 26
Largo, Donald J.....16717 Warwick, Detroit 19
Larkin, Duane R.....28435 Plymouth, Livonia
Larned, Richard I.....15208 Bringard, Detroit 5
Larsen, Robt. D.....76 W. Adams Ave., Detroit 26
Larson, Chas. J.....12820 Ward St., Wyandotte
Larson, Francine S. (A).....12820 Ward St., Wyandotte
Larsson, Bror H. (L).....3919 John R St., Detroit 1
Lasichak, Andrew G.....76 W. Adams Ave., Detroit 26
Lasley, James W.....5057 Woodward Ave., Detroit 2
Lathrop, Philip L. (A).....113 W. Main, Clarinda, Iowa
Latimer, Fredk. R.....28 W. Adams, Detroit 26
Latteier, Karl K.....968 Yarmouth, Birmingham
Lauppe, Edward H.....1553 Woodward Ave., Detroit 26
Lauppe, Fredk. A.....1553 Woodward Ave., Detroit 26
Laura, Albert L.....9105 Harrison, Livonia
Laurisin, Eugene.....16554 Muirland, Detroit 21
Lawhead, Nixon R.....7348 Kercheval Ave., Detroit 14
Lawrence, Louis F.....17300 Schaefer Rd., Detroit 35
Lawson, James M.....2605 W. Grand Blvd., Detroit 8
Lawson, John W. (A).....98 Hazelwood Ave., Detroit 2
Lazar, Morton R.....7401 Third Ave., Detroit 2
Leach, David.....3011 W. Grand Blvd., Detroit 2
Leacock, Robt. C.....440 University Pl., Grosse Pointe 30
Leader, Luther R.....1553 Woodward Ave., Detroit 26
Leaver, L. Ross.....757 Lakewood Ave., Detroit 15
Lebamoff, Alexander T.....7940 Allen Rd., Allen Park
Lechner, Monroe S.....15074 Houston Ave., Detroit
Lecklider, A. F. (R)....848 Berkshire Rd., Grosse Pte. 30
Lee, Frank.....12315 Broadstreet, Detroit 4
Lee, Harry E.....13616 Gratiot Ave., Detroit 5
LeGallee, George M. (A).....17532 Cornell, Detroit 35
Lehmann, Robert N.....26029 W. 5 Mile Rd., Detroit 39
Leipsitz, Louis S.....3566 Cass Ave., Detroit 1
Leiter, Forrest C.....2355 Monroe, Dearborn
Leithauser, Daniel J. (L).....18412 Mack, Detroit 36
Leland, Solomon.....6563 Grand River, Detroit 8
Lemley, Clark F.....3011 W. Grand Blvd., Detroit 2
Lemmer, John A.....9300 Mack Ave., Detroit 14
Lemmon, Chas. E. (L).....1337 David Whitney Bldg., Detroit 26
Lemon, Bruce K.....8259 Meyers Rd., Detroit 28
Lentine, James J.....15831 Mack Ave., Detroit 24
Lenz, Willard R.....418 Moran Rd., Detroit 36
Lepard, Cecil W.....1553 Woodward Ave., Detroit 26
Lepley, Fred O.....1125 3 Mile Dr., Detroit 30
Lerman, Samuel I.....4400 Livernois St., Detroit 10
Lerner, Leonard H.....7310 W. 7 Mile Rd., Detroit 21
Lesesne, John M.....17700 Mack Ave., Grosse Pte. 24
Leslie, C. G.....4839 Beaubien, Detroit 1
L'Esperance, Simon P. (R)..Rte. 3, Woodslee, Ont., Can.
Lessem, David.....12759 Vernon, Huntington Woods
Leszynski, Jos. S.....10 Peterboro St., Detroit 1
Leucutia, Traian.....10 Peterboro, Detroit 1
Levagood, Floyd B.....14056 Artesian, Detroit 23
Levant, Arthur B.....15715 E. Warren, Detroit 24
Levenson, Malcolm L.....24554 Rensselaer, Oak Park 37
Leventer, Ira.....8844 Joy Rd., Detroit 4
Levin, David M.....15121 W. McNichols Rd., Detroit 35
Levin, Herbert G.....17300 Schaefer, Detroit 35
Levin, Samuel J.....3011 W. Grand Blvd., Detroit 2
Levine, Edward E.....12891 Sherwood, Huntington Woods
Levine, Sydney S.....8233 W. Chicago Blvd., Detroit 4
Levitan, Seymour.....987 E. Jefferson, Detroit 7
Levitt, Irving.....19214 Santa Barbara, Detroit 21
Levitt, Nathan.....607 Kales Bldg., Detroit 26
Levy, David B.....17320 Livernois, Detroit 21
Levy, Elizabeth H. (A)..8350 Van Zandt, Drayton Plains
Levy, Marshall S.....7441 W. 7 Mile Rd., Detroit 35
Levy, Marvin B.....23200 Woodward Ave., Ferndale
Levy, Stanley H.....7441 W. 7 Mile Rd., Detroit 21

Lewin, Harry.....2457 Woodward Ave., Detroit 1
Lewis, Benjamin M.....1401 Rivard, Detroit 7
Lewis, Chas. T.....5050 Joy Rd., Detroit 4
Lewis, J. Hugh.....2956 Biddle Ave., Wyandotte
Lewis, Lee A.....2730 E. Jefferson Ave., Detroit 7
Lewis, Robt. H.....14807 W. McNichols, Detroit 35
Lewis, Wilfrid J.....10 Peterboro St., Detroit 1
Libbrecht, Robt. V.....6540 Park Ave., Allen Park
Lichter, Max L.....2900 Oakwood Blvd., Melvindale
Liddicoat, Arthur G.....20125 Fenkell, Detroit 23
Lieberman, Barnard L...19212 Woodward Ave., Detroit 3
Lightbody, James J.....1553 Woodward Ave., Detroit 26
Lignell, Rudolph W.....14200 Puritan, Detroit 27
Lilly, Chas. J.....2950 Puritan Ave., Detroit 38
Lilly, Robert P.....1129 David Whitney Bldg., Detroit 26
Lincoln, Abraham R. (A).....1337 Lakewood, Detroit 15
Lindner, David W...801 David Whitney Bldg., Detroit 26
Linkner, Laurence M.....966 Fisher Bldg., Detroit 2
Linkner, Leonard S.....12944 LaSalle Lane, Huntington Woods
Lipinski, Stanley L.....7540 Michigan Ave., Detroit 10
Lipkin, Ezra.....5715 Michigan Ave., Detroit 10
Lipnik, Carl E.....31610 Plymouth Rd., Livonia
Lipnik, Morris J.....15101 W. 7 Mile Rd., Detroit 35
Lipschutz, Louis S.....19750 Chesterfield Rd., Detroit 21
Lipson, Channing T...18700 Woodingham Dr., Detroit 21
Lipton, Raymond F.....10 Peterboro St., Detroit 1
Litsky, Abraham D.....1183 E. Grand Blvd., Detroit 11
Little, James W.....3855 Shallow Brook, Bloomfield Hills
Livingood, Clarence S.....2950 Iroquois, Detroit 14
Lockhart, Edward C.....5005 Tireman, Detroit 4
Lockwood, Bruce C. (R).....1553 Woodward Ave., Detroit 26
Lofstrom, James E.....1420 St. Antoine St., Detroit 26
Logrippo, Annie B.....Henry Ford Hosp., Detroit 2
Long, Earl C.....13995 Rutland Ave., Detroit 27
Long, John J.....12421 Monica St., Detroit 4
Longo, Salvatore.....468 Cadieux, Detroit 30
Lookanoff, Victor A...369 Glendale Ave., Highland Park 3
Loranger, C. B. P.....20825 Mack, Detroit 36
Loranger, Guy L.....34 Moross Rd., Detroit 36
Lorber, Jos. H.....16558 North Lawn, Detroit 21
Lorentzen, Edwin H...11702 Grand River Ave., Detroit 4
Lovas, Wm. S.....6354 W. Fort St., Detroit 9
Love, Donald M.....16645 Freeland, Detroit 35
Love, W. Thos.....231 E. Warren Ave., Detroit 1
Lowe, Adolf W.....3338 W. Davison Ave., Detroit 38
Lowe, Townsend G.....218 Kirby, Detroit 2
Lowinger, Paul L.....951 E. Lafayette, Detroit 7
Lowrie, Wm. L.....2799 W. Grand Blvd., Detroit 2
Lublin, Ann.....15041 E. 7 Mile Rd., Detroit 5
Luby, Elliot D.....20138 Warrington, Detroit 21
Lui, Alfred H. F.....Wayne County Gen. Hosp., Eloise
Lukas, John R.....19212 West Warren, Detroit 28
Lumpkin, John G., Jr.....243 E. Warren Ave., Detroit 1
Lutz, Earl F.....3044 W. Grand Blvd., Detroit 2
Lutz, Sherwin J.....19355 Wisconsin Ave., Detroit 21
Luzadre, John H.....18430 Mack Ave., Detroit 36
Lynn, David H.....Lynn Hospital, Lincoln Park
Lynn, Harvey D.....22159 W. Outer Dr., Dearborn
Lytle, Robt. P.....10 Peterboro St., Detroit 1

Maben, Hayward C., Jr. (A)..338 22nd Ave. N., Apt. 3, Nashville 8, Tenn.
Mabley, John D.....1037 David Whitney, Detroit 26
MacCraken, F. L. (A).....16753 St. Mary's, Detroit 35
MacGregor, Wm. W. (L).....6320 W. Surrey St., Birmingham
MacDougall, Orrin P.....13700 Woodward Ave., Detroit 3
Macfarlane, Howard W..1553 Woodward Ave., Detroit 26
Mack, Harold C.....3011 W. Grand Blvd., Detroit 2
Sarnia, Ontario, Canada
MacKenzie, Earle D.....81 E. Kirby St., Detroit 2
MacKenzie, Frank M.....1464 Lakeshore Rd., Sarnia, Ontario, Canada
MacKenzie, John W.....289 Rivard Blvd., Grosse Pointe 30
Mackersie, Wm. G.....18205 Roselawn Ave., Detroit 21

MacLeod, Chas. W.....16116 W. McNichols, Detroit 35
Macmillan, Francis B...1553 Woodward Ave., Detroit 26
MacPherson, K. C.....8100 E. Jefferson, Detroit 14
MacQueen, Malcolm D...660 Woodward Ave., Detroit 26
Maczewski, John E.....9535 Jos. Campau Ave., Hamtramck 12
Mader, Ivan J.....Wayne State Univ., Detroit 7
Magnell, Ralph C.....8825 Puritan Ave., Detroit 38
Maguire, Clarence E.....1553 Woodward Ave., Detroit 26
Mahlin, Murray S.....16820 Greenfield Ave., Detroit 35
Mahoney, Hugh M.....1553 Woodward Ave., Detroit 26
Mahoney, Wm. F. (A).....18242 Snow Rd., Dearborn
Maibauer, Fredk. P.....2966 Biddle Ave., Wyandotte
Mainwaring, Rosser L.....1910 Russell, Dearborn
Maire, Edward D.....15224 E. Jefferson, Detroit 30
Maitland, Ruth J.....Mich. Bell Telephone, Detroit 26
Majauskas, V. E.....5703 Vernor, Detroit 9
Majzoub, Ahmad J.....3334 Fort, Lincoln Park
Malina, Stephen.....1601 Kirkway Dr., R. 3, Bloomfield Hills
Malje, Frank J.....Garden City Clinic, Garden City
Malone, John M.....20446 Freeland Ave., Detroit 35
Maloney, John A.....670 Maccabees Bldg., Detroit 2
Maltzer, Jos. H.....950 E. State Fair, Detroit 3
Mandiberg, Jack N.....12700 W. 7 Mile Rd., Detroit 35
Mann, Andrew D.....20901 Moross, Detroit 36
Mannausa, L. R. (A).....18666 Appoline, Detroit 35
Manning, Morey H.....950 E. State Fair Ave., Detroit 3
Mapletoft, Kenneth E.....420 Mohawk, Dearborn
Marcus, Edwin L.....1221 Lincoln, Lincoln Park
Marecki, Vincent J.....10326 W. Warren, Dearborn
Margules, Saul Z.....12408 Van Dyke, Detroit 34
Marinus, Carleton J.....1553 Woodward Ave., Detroit 26
Mark, Jerome.....Kales Building, Detroit 26
Markey, Alexander P.....14853 Michigan Ave., Dearborn
Markey, Frank R.....17174 Fairfield, Detroit 21
Markoe, Rupert C. L.....4102 Brush St., Detroit 1
Marks, Ben.....232 W. Grand River Ave., Detroit 26
Marks, Bert W.....8250 Lincoln Dr., Huntington Woods
Marsh, Alton R.....15696 Woodland Dr., Dearborn
Marshall, James R.....14827 E. Jefferson Ave., Detroit 15
Marshall, J. R., Jr.....20160 Mack Ave., Detroit 36
Martin, Elbert A. (L)..1553 Woodward Ave., Detroit 26
Martin, J. B., Jr.....449 E. Elizabeth St., Detroit 1
Martin, Lyndle R.....2000 Second Blvd., Detroit 26
Martin, Marion T.....6620 W. Fort St., Detroit 9
Martin, Peter A.....17185 Muirland, Detroit 21
Martin, Wilbur C.....7440 W. Jefferson St., Detroit 17
Martineau, Perry C.....16709 Glastonbury, Detroit 19
Martinez, Pedro O.....1439 Bagley Ave., Detroit 16
Martmer, Edgar E.....693 Washington Rd., Grosse Pte. 30
Marwil, Thos. B.....16965 Hamilton St., Detroit 3
Mateer, John G.....Henry Ford Hosp., Detroit 2
Matthews, Burton V.....13724 W. Fort St., Southgate
Mattman, Paul E.....1500 Seminole, Detroit 14
Mattson, Theodore M.....3919 John R St., Detroit 1
Mauch, Eugene W.....1221 Lincoln, Lincoln Park
Mauthe, Harry G.....9272 Idaho, Livonia
Maxwell, James H.....2415 W. Grand Blvd., Detroit 8
May, Fredk. T.....76 W. Adams Ave., Detroit 26
Maynard, Fredk. M.....14846 Harrison, Allen Park
McAlonan, Wm. T.....10 Peterboro St., Detroit 1
McAlpine, Gordon S.....3011 W. Grand Blvd., Detroit 2
McBryan, Thos. J.....Grace Hospital, Detroit
McCadie, James H.....13700 Woodward Ave., Highland Park 3
McCandless, Virginia.....22276 Garrison, Dearborn
McCaughey, R. S.....Wayne State University, Detroit 7
McClellan, Robt. J.....16345 W. McNichols, Detroit 35
McClelland, Rachel L.....33026 5 Mile Rd., Livonia
McClendon, James J.....503 E. Warren Ave., Detroit 1
McClintock, John J.....16151 Schoolcraft Ave., Detroit 27
McClure, Robt. W.....9111 E. Outer Dr., Detroit 13
McClure, Wm. R. (L).....Box 1498, Boynton Beach, Fla.
McCole, Cornelius E.....Henry Ford Hosp., Detroit 2
McColl, Chas. W.....2025 Ford Ave., Wyandotte
McColl, Clarke M.....2799 W. Grand Blvd., Detroit 2
McColl, Kenneth M.....20250 Mack Ave., Detroit 36
McCollum, E. Bert.....1553 Woodward Ave., Detroit 26
McCord, Carey P. (L)..Sch. of Public Health, Ann Arbor
McCormick, Colin C.....13530 Michigan Ave., Dearborn
McCullough, L. E...521 David Whitney Bldg., Detroit 26
McDonald, Allan W. (L).....15015 Ward, Detroit 27
McDonald, Angus L.....13856 Gratiot Ave., Detroit 5
McDonald, John R.....Harper Hosp., Detroit 6
McDonald, Wm. G.....15600 Michigan Ave., Dearborn
McDowell, Douglas B.....Wayne Co. Gen. Hosp., Eloise
McEvitt, Wm. G.....1140 W. Boston Blvd., Detroit 2
McFadyen, Hugh A. (L).....10 Peterboro St., Detroit 1
McGhee, Richard S.....10015 W. 8 Mile Rd., Detroit 21
McGillicuddy, W. E. (R).....7542 Pinehurst, Dearborn
McGlaughlin, N. D.....2312 Biddle Ave., Wyandotte
McGough, Jos. M.....18716 Grand River, Detroit 23
McGuire, John F.....10 Cherry Hill Ct., Dearborn 7
McHenry, John T.....1401 Rivard St., Detroit 7
McIntosh, Robt. D.....6307 W. Fort St., Detroit 9
McIntyre, Jack B.....2841 Monroe Blvd., Dearborn
McIntyre, Wm. B...1145 David Whitney Bldg., Detroit 26
McKean, G. Thos.....1553 Woodward Ave., Detroit 26
McKean, Richard M.....1553 Woodward Ave., Detroit 26
McKeever, Geo. E.....5237 Oakman Blvd., Dearborn
McKenna, Chas. J.....14618 E. 7 Mile, Detroit 5
McKnight, Robt. E.....10030 W. McNichols, Detroit 21
McLane, Harriet I. E. (L)..4350 Oregon Ave., Detroit 4
McLean, Brita R.....1365 Cass, Detroit 26
McLean, Don W.....1066 Fisher Bldg., Detroit 2
McLean, Donald C.....10 Peterboro, Detroit 1
McNamara, Joseph M.....356 N. Main St., Plymouth
McNeill, Roger F.....119 Kercheval, Grosse Pointe
McNichol, Larry J.....13345 W. McNichols, Detroit 19
McPhee, Roderick T.....987 E. Jefferson, Detroit 7
McPherson, Robt. J.....12626 Meyers Rd., Detroit 27
McQuiggan, Mark R.....700 Seward, Detroit 2
McQuiggan, Thelma H.....1250 Middlebelt Rd., Inkster
Meek, Stuart F.....13020 Kilbourne, Detroit 13
Melander, L. W., Jr.....1229 David Whitney Bldg., Detroit 26
Mellen, Hyman S.....16800 Greenfield, Detroit 35
Mellinger, Raymond C.....959 Pemberton, Grosse Pointe
Melnik, Maxim P.....3011 W. Grand Blvd., Detroit 2
Menagh, Frank R.....4010 Columbus Ave., Detroit 4
Mendelssohn, Reuben J.....14427 Mack Ave., Detroit 15
Mendians, Edgar V.....Chrysler Corp., Detroit 31
Mendoza, Samuel.....6356 Michigan, Detroit
Menton, Norman J.....17201 W. McNichols Rd., Detroit 35
Merkel, Chas. C.....85 Kercheval Ave., Detroit 36
Merkle, Karl.....530 N. Telegraph, Dearborn
Merrill, C. R., Jr.....369 Glendale, Detroit 3
Merritt, Earl G.....10 Peterboro St., Detroit 1
Mersky, Charlotte I. (A)..32215 Queensboro, Farmington
Metes, John S.....1261 Fair Holme Rd., Detroit 36
Metzger, Harry C.....25504 Wareham, Huntington Woods
Meyer, Eugene (A).....2900 S. Fort St., Detroit 17
Meyer, John S.....Wayne State Univ., Detroit 7
Meyer, Kenneth R.....Oakwood Hosp., Dearborn
Meyers, Marjorie P.....5320 John R St., Detroit 2
Meyers, Maurice P.....18984 Livernois, Detroit 21
Meyers, Sidney S.....20861 Mack Ave., Detroit 36
Meyers, Solomon G.....5057 Woodward Ave., Detroit 2
Michael, Michael J.....703 Mutual Bldg., Detroit 26
Mihay, Benjamin.....2021 Monroe, Dearborn
Mikesell, W. B., Jr.....21124 Goddard Rd., Dearborn
Millard, Glenn E.....2900 W. Grand Blvd., Detroit 2
Miller, Daniel H.....8011 W. Vernor Hwy., Detroit 9
Miller, Elmer B.....20 Oxford Rd., Pleasant Ridge
Miller, Jacob J.....20131 James Couzens, Detroit 35
Miller, I. Martin.....2799 W. Grand Blvd., Detroit 2
Miller, Karl L.....1553 Woodward Ave., Detroit 26
Miller, Leroy A. (A).....Woman's Hospital, Detroit
Miller, Michael M.....10514 E. Jefferson Ave., Detroit 14
Miller, Myron H...27330 Southfield Rd., Lathrup Village
Miller, Oscar W...Fleetwood Plant, FBD, GMC, Detroit 9
Miller, Wm. E. (L).....10 Peterboro, Detroit 1
Miller, Thos. H.....1305 David Whitney Bldg., Detroit 26
Miller, Wm. J.....5649 Inkster Rd., Garden City

Mills, Clinton C.....16190 Jas. Couzens Hwy., Detroit 21
Mills, Geo. R.....8209 Allen Rd., Allen Park
Milton, S. Byron.....26560 W. Outer Dr., Lincoln Park
Mintz, Edward I.....7401 Third Ave., Detroit 2
Mintz, Morris J.....16895 Livernois St., Detroit 21
Miral, Solomon P.....4825 E. McNichols Rd., Detroit 12
Mishelevich, Sophie.....4651 E. 9 Mile Rd., Van Dyke
Miskinis, Martyna.....393 W. Grand Blvd., Detroit 16
Missavage, Edward, Jr.....Wayne Co. Gen. Hosp., Eloise
Mitchell, A. W.....12000 Visger, Detroit
Mitchell, C. Leslie.....34 Hendrie Lane, Detroit 36
Mitchell, Darnell P.....7713 Oakland Ave., Detroit 11
Mitchell, Ralston S.....243 E. Warren, Detroit 1
Moehlig, Robt. C.....3001 W. Grand Blvd., Detroit 2
Mogill, Geo.....3150 Second Blvd., Detroit 1
Moisides, Vasil P.....28 W. Adams Ave., Detroit 26
Moll, Clarence D.....10 Peterboro St., Detroit 1
Molnar, Stephen K.....4525 S. Telegraph Rd., Dearborn
Molner, Jos. G.....334 Bates St., Detroit 26
Momcilovich, Boxidar.....2241 Huron River Dr., Rockwood
Mond, Edward.....10 Witherell St., Detroit 26
Monson, Robt. C.....16404 E. Warren Ave., Detroit 24
Montante, Jos. R.....18715 Bretton Dr., Detroit 23
Montgomery, Wm. C.....25717 Coolidge, Oak Park 37
Monto, Raymond W.....Henry Ford Hosp., Detroit 2
Moore, John W., Jr.....8425 W. 8 Mile Rd., Detroit 21
Moore, Warren R.....608 Eastland Professional Bldg., 17800 E. 8 Mile Rd., Detroit 36
Mopper, Coleman.....14633 E. 7 Mile Rd., Detroit 5
Morand, Louis J. (A).....18944 Fairfield, Detroit 21
Morgan, Donald N.....1553 Woodward Ave., Detroit 26
Morgan, Wm. L., Jr.....Henry Ford Hosp., Detroit 2
Moriarty, Geo. J.....3011 W. Grand Blvd., Detroit 2
Morita, Yoshikazu.....1401 Rivard, Detroit 7
Moritz, Henry C.....1553 Woodward Ave., Detroit 26
Morley, Arthur R.....15753 Promenade, Allen Park
Morley, Harold V.....970 Fisher Bldg., Detroit 2
Morley, James A.....10514 Plymouth Ave., Detroit 4
Moroun, Sheffick J.....8045 E. Jefferson Ave., Detroit 14
Morris, Harold L. (L)....3001 W. Grand Blvd., Detroit 2
Morrison, George W.....2033 Park, Detroit 26
Morse, Plinn F. (L).....3825 Brush St., Detroit 1
Morton, David G.....19445 Plymouth, Detroit 28
Morton, John B. (L).....25701 Joy Road, Dearborn 6
Mosee, Wm. J.....9219 Dexter, Detroit 6
Moseley, Fredk. L.....2561 S. Schaefer, Detroit
Mosen, Max M.....8015 Harper Ave., Detroit 13
Moser, Peter F.....26151 Huron River Dr., Flat Rock
Moses, John W.....864 Fisher Bldg., Detroit
Moss, Ervin B.....1907 Pingree Ave., Detroit 6
Moss, Nathan H.....2847 Trumbull, Detroit 16
Moss, Selma S.....18254 Livernois Ave., Detroit 21
Mossman, John D.....18914 Warrington Dr., Detroit 21
Moszcznski, B. J.....1113 David Whitney Bldg., Detroit 26
Mott, Carlin P.....2395 W. Grand Blvd., Detroit 8
Mott, Fredk. D.....6533 E. Jefferson, Detroit 7
Mucasey, John.....21415 W. 8 Mile Rd., Detroit 19
Muirhead, Ernest E.....432 E. Hancock, Detroit 1
Mullen, Jos. R.....19003 Ecorse Rd., Allen Park
Munson, Henry T.....18350 Mack, Grosse Pointe 36
Murphy, Donald J.....621 Professional Bldg., Detroit 1
Murphy, John M.....60 Lewiston Rd., Detroit 36
Murphy, Scipio G.....603 E. Forest, Detroit 1
Murphy, Wm. M.....10500 E. Warren Ave., Detroit 14
Murray, Gordon M.....9901 Whittier, Detroit 24
Murray, Robt. J.....2299 West Rd., Trenton
Murray, Thos. H...19345 W. McNichols Ave., Detroit 19
Murray, Wm. A.....11841 Ohio Ave., Detroit 4
Muske, Paul H.....5605 Michigan Ave., Detroit 10
Myers, Daniel W.....1150 Bedford Rd., Detroit 30

Nagle, John W.....114 Maple St., Wyandotte
Nahigian, Russell.....17371 Annchester Ave., Detroit 19
Nahoum, Antoine.....1030 Kensington, Detroit 30
Naud, Henry J.....18456 Grand River Ave., Detroit 23
Navori, Cornelius A.....3516 Fort St., Lincoln Park
Naylor, Arthur H.....10033 Tireman, Dearborn
Neeb, Walter G.....16840 E. Warren St., Detroit 24
Nehra, John M.....18514 Mack Ave., Detroit 36
Neill, Edwin J.....8045 E. Jefferson St., Detroit 14
Nelson, Darwin M.....63 Ridge Rd., Detroit 36
Nelson, Harry M.....3001 W. Grand Blvd., Detroit 2
Nelson, Norman A.....Wayne Co. Gen. Hosp., Eloise
Nelson, Victor E.....3025 Crooks Rd., Royal Oak
Newby, Burns G.....1104 Maccabees Bldg., Detroit 2
Newman, Ernest.....17371 Evergreen St., Detroit 19
Newman, Geo. F.....2021 Monroe Blvd., Dearborn
Newman, Max K.....16861 Wyoming Ave., Detroit 21
Nickel, Warren O.....861 Monroe, Dearborn 8
Nickels, Albert W.....3011 W. Grand Blvd., Detroit 2
Nielsen, Aage E.....320 Professional Bldg., Detroit 1
Nielsen, Donald R.....18629 Sorrento, Detroit 35
Nigro, Norman D.....10 Peterboro St., Detroit 1
Nill, John B.....15001 E. Warren, Detroit 24
Nill, Wm. F.....15001 E. Warren, Detroit 24
Noble, Wm. C.....4045 W. Jefferson, Ecorse 29
Noe, Jos. T., Jr.....Wyandotte Chem. Corp., Wyandotte
Nolan, Bernard E.....5460 Schaefer Rd., Dearborn
Nolting, Wilfred S. H...15850 E. Warren Ave., Detroit 24
Northcross, David C.....668 Winder St., Detroit 1
Norton, Arthur B.....5057 Woodward Ave., Detroit 2
Norton, Chas. S. (L).....27992 6 Mile Rd., Livonia
Noshay, Wm. C.....2799 W. Grand Blvd., Detroit 2
Novack, Richard L. (A)..9928 Farmington Rd., Livonia
Novy, Robt. L.....858 Fisher Bldg., Detroit 2
Nunn, James W.....106 W. Davison, Detroit 3
Nyboer, Jan (A).....3825 Brush St., Detroit 1

O'Brien, Geo. M.....2501 W. Grand Blvd., Detroit 8
Obushkevich, Leon S.....15720 W. Warren, Detroit 28
O'Connor, Katheryn L.....17711 Schoolcraft, Detroit 27
O'Donnell, Dayton H.....2501 W. Grand Blvd., Detroit 8
O'Donnell, Wm. S.....Wayne Co. Gen. Hosp., Eloise
Oetting, Edward M.....2923 Iroquois Ave., Detroit 14
O'Hare, Wm. J.....24616 Winona, Dearborn 7
Ohmart, Galen B.....8721 E. Jefferson Ave., Detroit 14
Ohrt, Harold F. (A).....285 E. Grand Blvd., Detroit 7
Okun, Milton H.....3261 Sherbourne Rd., Detroit 21
Olejniczak, Stanley.....Wayne Co. Gen. Hosp., Eloise
Olen, Alex.....13100 Harper Ave., Detroit 13
O'Linn, Francis P.....1055 Fisher Bldg., Detroit 2
Olmsted, Geo. S...27305 Southfield Rd., Lathrup Village
Olson, Avis M.....Mt. Carmel Mercy Hosp., Detroit 35
Olson, James A.....28 W. Adams Ave., Detroit 26
Oman, Cyrus F.....12608 Wyoming Ave., Detroit 38
Oppenheim, Jos. M.....3011 W. Grand Blvd., Detroit 2
Orecklin, Leo.....5057 Woodward Ave., Detroit 2
Organ, Fred W. (L)....10304 Woodward Ave., Detroit 2
Ormond, Robt. S.....1951 Monroe St., Dearborn
Ornstein, Chas.....19504 Kelly, Detroit 36
O'Rourke, Paul V.....17725 Manderson Rd., Detroit 3
O'Rourke, Randall M.....7384 12th St., Detroit 6
Osius, Eugene A.....1553 Woodward Ave., Detroit 26
O'Sullivan, Girardin S.....18129 Sunnybrook Ave., Lathrup Village
Otlewski, Eugene A.....19647 Joy Rd., Detroit 28
Ottaway, John P.....18226 Mack Ave., Grosse Pte. Farms
Owen, Clarence I.....1544 Vinewood Ave., Detroit 16

Palmer, Alice E.....3919 John R St., Detroit 1
Palmer, Milton R.....7624 Dexter Blvd., Detroit 6
Palmisano, I. J.....25447 Plymouth Rd., Detroit 39
Pangburn, Leon E. (L).....12897 Woodward, Detroit 3
Panic, Stephen M.....1001 W. 7 Mile, Detroit 3
Parcells, Frank H.....1014 Buckingham, Grosse Pointe 30
Park, Chas. W.....8414 Salem Lane, Dearborn
Parker, Albert R.....3720 Washington St., Wayne
Parker, Benj. R.....19149 W. 7 Mile Rd., Detroit 19
Parnell, John W.....21 Whitcomb Dr., Grosse Pte. Farms
Parr, Robt. W.....8-265 Gen. Motors Bldg., Detroit 2
Parrish, Rufus H.....2610 Starlevant, Detroit
Pasternacki, N. T.....6203 Chene St., Detroit 11

Pastorius, Melvin K. (A).....25737 Fortuna, Roseville
Paul, Lloyd J.....25321 Fenkell, Detroit 39
Pawlowski, Jerome I.....2009 E. Grand Blvd., Detroit 11
Payne, Eugene H.....656 Van Dyke St., Detroit 14
Payne, Walter A., Jr.....357 Hillcrest, Grosse Pointe 36
Paysner, Harry A.....13700 Woodward Ave., Highland Park 3
Peabody, Chas. W. (R).....25 Riverside Dr., Barrington, R. I.
Pearce, Arthur J.....15317 Piedmont St., Detroit 23
Pearlman, Jack.....25860 Concord, Huntington Woods
Pearse, Harry A.....3001 W. Grand Blvd., Detroit 2
Peat, Alexander C.....1350 Devonshire Rd., Grosse Pointe Park
Pedersen, Herbert E.....381 Golfcrest Dr., Dearborn
Peggs, Geo. F.....5419 Livernois Ave., Detroit 10
Pendy, Geo. V.....1001 David Whitney Bldg., Detroit 26
Pendy, John M.....1001 David Whitney Bldg., Detroit 26
Penner, David A. (A).....Receiving Hosp., Detroit 26
Pensler, Leslie.....8844 Joy Rd., Detroit 4
Pensler, Meyer.....8844 Joy Rd., Detroit 4
Percy, Donald F.....17320 W. McNichols, Detroit 35
Perdue, Grace M.....3011 W. Grand Blvd., Detroit 2
Perkin, Frank S.....3011 W. Grand Blvd., Detroit 2
Perlis, Hyman L.....5057 Woodward Ave., Detroit 2
Perlis, Marvin S.....952 Maccabees Bldg., Detroit 2
Perrin, Eugene V. (A).....4305 Russell Ave., Mt. Rainier, Md.
Peterman, Earl A.....13700 Woodward, Highland Park 3
Peters, Wm. R.....12400 E. 7 Mile Rd., Detroit 5
Peterson, Gustav.....2860 Clark Ave., Detroit 32
Peterson, Robert A. (A).....17581 Prest, Detroit 35
Petix, Samuel C.....19207 Schaefer, Detroit 35
Petoskey, Edward A.....7321 Whittaker, Detroit 9
Petrick, Thos. J.....1221 Lincoln Rd., Lincoln Park
Petrini, Mario A.....1067 Fisher Bldg., Detroit 2
Petty, Thos. A.....1204 Yorkshire Rd., Detroit 30
Pevin, Pauline.....18709 Meyers Rd., Detroit 35
Peven, Philip S.....18709 Meyers Rd., Detroit 35
Pfeiffer, Rudolph L. (L).....469 E. Grand Blvd., Detroit 7
Picard, Jos. D.....5237 Oakman Blvd., Dearborn
Piccone, Louisa I.....17700 W. Warren, Detroit 28
Pichette, J. Walton.....15112 Michigan Ave., Dearborn
Pickard, Orlando W.....14300 W. McNichols, Detroit 35
Pierce, James M., Jr.....Wayne State Univ., Detroit 7
Pierson, Max J.....10040 Yellowstone, Detroit 4
Pietra, A. W.....10338 Joseph Campau, Detroit 12
Piggott, Leonard R. (M)..20250 Glastonbury, Detroit 19
Pinckard, Karl G.....932 Mason St., Dearborn
Pink, Rose M.....11413 Joseph Campau, Detroit 12
Pinney, Lyman J. (L).....28 W. Adams, Detroit 26
Pino, Ralph H.....48151 W. Ann Arbor Rd., Plymouth
Piper, Ralph R.....1495 McKinstry, Detroit 9
Pittman, John E.....1553 Woodward Ave., Detroit 26
Platz, Carol K.....612 Eastland Center Prof. Bldg., Detroit 36
Plavnick, Herman M.....13300 Fenkell, Detroit 27
Pliskow, Harold.....10730 W. 7 Mile Rd., Detroit 21
Plotnick, Harold.....17554 Indiana, Detroit 21
Plous, Eugene I.....1030 Fisher Bldg., Detroit 2
Podolsky, Harold M.....3755 Fort, Lincoln Park
Polentz, Chas. P.....Medical Concourse Northland Center, Southfield
Polk, John E.....8742 12th St., Detroit 6
Pollack, Jerome L.....29000 S. Fort St., Detroit 17
Pollack, John J.....18200 Wyoming, Detroit 21
Pollard, R. J.....Grace Hospital, Detroit 1
Pollens, Louis S.....12730 W. McNichols Rd., Detroit 35
Pollina, Clement J.....21503 Harper, St. Clair Shores
Ponka, Jos. L.....2799 W. Grand Blvd., Detroit 2
Pool, Walter D.....20901 Moross Blvd., Detroit 36
Poos, Edgar E.....3001 W. Grand Blvd., Detroit 2
Porretta, Anthony C.....11146 Gratiot, Detroit 13
Porretta, Chas. A.....3919 John R St., Detroit 1
Porretta, Francis S.....8156 Normile Ave., Detroit 4
Porter, Fredk. G.....27459 5 Mile Rd., Livonia
Porter, Howard J.....36911 Goddard Road, Romulus
Portnoy, Harry.....4253 Leslie, Detroit 38
Posch, Jos. L.....1410 Kales Bldg., Detroit 26
Posner, Irving.....18111 Muirland Ave., Detroit 21
Potts, Elihue B.....8943 12th St., Detroit 6
Pratt, Jean P. (L).....18910 Fairway Dr., Detroit 21
Pratt, Lawrence A.....15621 Windmill Pointe Dr., Grosse Pointe Park
Preston, C. W.....4602 Brush St., Detroit 1
Preston, Ruth E.....3011 W. Grand Blvd., Detroit 2
Pribor, Hugo C.....Bon Secours Hosp., Detroit 30
Price, A. Hazen.....62 West Kirby, Detroit 2
Price, Alvin E.....1553 Woodward Ave., Detroit 26
Priest, Robt. J.....Henry Ford Hosp., Detroit 2
Primack, Marvin H.....1116 Maccabees Bldg., Detroit 2
Prince, Addison E.....8942 Dexter, Detroit 6
Prisbe, Edward J.....16603 Plymouth Rd., Detroit 27
Priver, Julien.....6741 W. Outer Dr., Detroit 35
Procailo, Alexander B.....29901 Ford Rd., Garden City
Proctor, Bruce.....1553 Woodward Ave., Detroit 26
Prokop, Frank P.....7517 Appoline, Dearborn
Prokopovich, V.....6438 Van Dyke, Detroit 13
Proud, Robert H.....26151 Huron River Dr., Flat Rock
Proud, Russell F.....26151 Huron River Dr., Flat Rock
Prust, Frank W.....1536 David Whitney Bldg., Detroit 26
Pugh, Howard C.....1553 Woodward Ave., Detroit 26
Pugliesi, Benedetto.....9489 E. Outer Dr., Detroit 13
Purcell, Frank H.....10 Witherell St., Detroit 26
Puro, Henry E.....2900 S. Fort St., Detroit 17
Purves, W. L.....500 Griswold St., Detroit 26

Quigley, Eugene H.....545 N. Waverly, Dearborn
Quigley, Wm. G.....742 Maccabees Bldg., Detroit 2
Quinn, Edward L.....1141 Golfview, Birmingham

Rabe, Robert E.....1072 Maccabees Bldg., Detroit 2
Rabinovitch, Bella M.....20133 Marlowe, Detroit 35
Raby, Naim M.....215 St. Joseph, Trenton
Rachmaninoff, N.....Harper Hospital, Detroit 1
Ragins, Abner I. (A).....14071 Cloverdale, Oak Park 37
Rahm, Lambert P.....14411 E. Jefferson Ave., Detroit 15
Raiford, Frank P.....681 E. Vernor Hwy., Detroit 1
Raiford, Frank P., Jr.....681 E. Vernor Hwy., Detroit 1
Raizin, L. H.....25115 Ridge Cliff Dr., Southfield
Ramsey, Robt. H.....310 River Lane, Dearborn
Randall, David S.....1765 W. Fort St., Lincoln Park
Rapp, Seymour L.....5055 W. Outer Dr., Detroit 35
Raskin, Herbert A.....18510 Meyers Rd., Detroit 35
Raskin, Morris.....987 E. Jefferson, Detroit 7
Rastello, Peter B.....30001 Van Dyke, Warren
Rattner, Wm. H.....966 Fisher Bldg., Detroit 2
Rau, Fredk. W.....215 Professional Bldg., Detroit 1
Raven, Clara.....400 E. Lafayette, Detroit 26
Ravitz, Louis A.....12831 Burton Ave., Oak Park 37
Ray, Kenneth J.....28059 Elba Dr., Grosse Isle
Raynor, Harold F.....49 Virginia Park, Detroit 2
Rebuck, John W.....2799 W. Grand Blvd., Detroit 2
Redding, Lowell G.....1336 Southfield Rd., Lincoln Park
Reder, Benjamin.....17301 W. 8 Mile Rd., Detroit 35
Redfern, W. Earl.....17392 Kirkshire St., Birmingham
Reed, Harry W.....8141 Dexter Blvd., Detroit 6
Reed, Ivor E.....1553 Woodward Ave., Detroit 26
Reed, Joseph O., Jr.....448 Lincoln, Detroit 30
Rees, Howard C.....15700 Mack Ave., Detroit 24
Reid, John G.....1553 Woodward Ave., Detroit 26
Reid, Wesley G.....3001 W. Grand Blvd., Detroit 2
Reiff, Morris V.....10241 Joy Rd., Detroit 4
Reinbolt, Chas. A. (L).....33570 Quaker Valley Rd., Farmington
Reiners, Charles R.....18635 Gainsborough, Detroit 23
Reinsh, Ernest R.....18674 Muirland Ave., Detroit 21
Reisig, Robert O.....93 Kercheval, Detroit 36
Reisman, Nathan J...15344 W. McNichols Rd., Detroit 35
Reisman, Samuel G.....1078 Maccabees Bldg., Detroit 2
Reive, David L. E.....24401 Plymouth St., Detroit 39
Remski, James E.....29447 Ravine Dr., Livonia
Rennel, Leo P.....2567 W. Grand Blvd., Detroit 8
Reno, George L.....970 Fisher Bldg., Detroit 2
Rentenbach, Robt. F.....314 David Whitney Bldg., Detroit
Reveno, Wm. S.....3001 W. Grand Blvd., Detroit 2
Reyner, Clarence E.....10 Peterboro St., Detroit 1

Reynolds, Lawrence.....10 Peterboro, Detroit 1
Reynolds, Robt. M.....856 Fisher Bldg., Detroit 2
Reynolds, Roland P.....17521 Hamilton Rd., Detroit 3
Rezanka, Harold J.....1553 Woodward Ave., Detroit 26
Rhoades, Francis P.....5057 Woodward Ave., Detroit 2
Rice, Harold B.....10 Peterboro St., Detroit 1
Rice, Meshel.....533 Coats Rd., Oxford
Richardson, Allan L. (R).....Naubinway
Rick, Paul J.....12673 Joan, Detroit 5
Riddell Wilfred A.....404 David Whitney Bldg., Detroit 26
Riddle, Charles B.....20945 Kelly Rd., East Detroit
Ridge, Ralph W. (L).....100 Oak St., Wyandotte
Rieckhoff, Geo. G.....14905 E. Jefferson Ave., Detroit 15
Rieden, James A.....18053 Muirland, Detroit 21
Rieger, John B. (L).....746 Pallister, Detroit 2
Rieger, Mary H.....19285 Lucrene Dr., Highland Park
Riethmiller, Robt. E.....12444 E. 7 Mile Rd., Detroit
Rinaldo, Joseph, Jr.....Henry Ford Hosp., Detroit 2
Rinkel, Robert W.....7319 Park Ave., Allen Park
Ritter, George.....28420 Sunset Blvd., Lathrup Village
Rizzo, Paul.....22525 Baseline, St. Clair Shores
Robb, Edward L.....17380 Livernois, Detroit 21
Robb, Herbert F.....381 Main St., Belleville
Robb, Herbert J.....19324 Herrick Ave., Allen Park
Robb, J. Milton (L).....633 David Whitney Bldg., Detroit 26
Roberts, Arthur J.....1310 Warwick Road, Lincoln Park
Roberts, George A.....7220 Gratiot Ave., Detroit 13
Robins, S. Chas.....18963 Jas. Couzens Hwy., Detroit 35
Robinson, Harold A.....10040 Yellowstone, Detroit 4
Robinson, Howard.....953 Fisher Bldg., Detroit 2
Robinson, James H., Jr.....1553 W. Grand Blvd., Detroit 8
Robinson, Remus G.....3751 31st St., Detroit 10
Rodin, Ernst A.....28 W. Adams, Detroit 26
Roeglin, Orville F. F.....4386 Balfour Rd., Detroit 24
Rogers, Aaron Z.....20451 Mack Ave., Detroit 36
Rogers, Geo. E. B.....2108 David Broderick Tower, Detroit 26
Rogers, John T.....16921 Jas. Couzens Hwy., Detroit 35
Rogin, James R.....1150 Griswold St., Detroit 26
Rogoff, Abraham S.....5057 Woodward Ave., Detroit 2
Rohde, Paul C. (L).....12282 E. Outer Dr., Detroit 24
Rom, Jack.....8600 W. McNichols Rd., Detroit 21
Roman, Stanley J.....15020 Michigan Ave., Dearborn
Ronayne, John J., Jr.....16116 W. McNichols Road, Detroit 35
Rosbolt, Oscar P.....8505 Plymouth Road, Detroit 4
Rosefield, John L.....65 W. Hancock, Detroit 1
Rosen, Theodore S.....19340 Monte Vista, Detroit 21
Rosenbaum, Herbert.....19776 Snowden, Detroit 35
Rosenbaum, Jean B.....5854 W. Outer Drive, Detroit 35
Rosenbloom, Alvin B.....17555 Parkside, Detroit 21
Rosenfeld, L. S.....1800 Tuxedo, Detroit 6
Rosenthal, Albert.....27855 Plymouth Rd., Livonia
Rosenthal, Louis H.....15401 W. McNichols, Detroit 35
Rosenthal, Saml.....16350 Hamilton Ave., Detroit 3
Rosenwach, Felix F.....19149 W. 7 Mile Rd., Detroit 19
Rosenzweig, Saul.....2542 W. Boston, Detroit 6
Ross, Charles V.....7740 Da Costa, Detroit 39
Ross, Donald G.....722 Notre Dame Ave., Grosse Pointe 30
Ross, Hyman.....17301 W. 8 Mile Rd., Detroit 35
Rotarius, Edward M.....Parke Davis Co., Detroit 32
Roth, Edward T.....640 E. Grand Blvd., Detroit 7
Roth, Theodore I.....60 W. Hancock Ave., Detroit 1
Rothbart, Harold B.....25717 Coolidge, Oak Park
Rothman, Emil D.....25704 Ivanhoe, Huntington Woods
Rothwell, Walter S.....2900 S. Fort St., Detroit 17
Rottenberg, Coleman M. J.....13419 Fenkell, Detroit 27
Rottenberg, E. N.....20725 W. 7 Mile Rd., Detroit 19
Rottenberg, Leon.....13419 Fenkell Ave., Detroit 27
Rourke, Robt. F.....4350 Haverhill, Detroit 24
Rowda, Michael S.....7 Cambridge, Pleasant Ridge
Rowe, Jos. J., Jr.....401 N. Brady, Dearborn
Royer, Richard R.....18101 E. Warren Ave., Detroit 24
Rubinoff, William.....21415 W. 8 Mile Rd., Detroit 19
Ruble, Paul E.....1139 David Whitney Bldg., Detroit 26
Rucker, Julian J.....668 Farnsworth Ave., Detroit 2
Ruedemann, Albert D.....1553 Woodward Ave., Detroit 26
Ruedemann, Albert D., Jr.....1553 Woodward Ave., Detroit 26
Rueger, Milton J.....86 Hall Pl., Detroit 36
Rueger, Ralph C.....9149 E. Jefferson Ave., Detroit 14
Runge, Edward F.....25549 Rouge River Dr., Dearborn
Rupe, Clarence E.....2799 W. Grand Blvd., Detroit 2
Rupp, Jacob R. (L).....8054 W. Fort, Detroit 9
Rupprecht, Emil F.....5525 W. Chicago Blvd., Detroit 4
Rush, Desmond K.....1429 David Whitney Bldg., Detroit 26
Ruskin, Saml. H.....1112 Kales Bldg., Detroit 26
Russell, Henry N., Jr.....1221 Lincoln, Lincoln Park
Rutzen, Arthur C.....3011 W. Grand Blvd., Detroit 2
Ryan, James M.....16888 Greenfield, Detroit 35
Ryan, William D. (R).....P.O. Box 4335 Porter Sta., Detroit 9
Rydzewski, Jos. B.....12170 Joseph Campau Av., Detroit 12

Sack, Anthony G.....2567 W. Grand Blvd., Detroit 8
Sa'Di, Lufti M.....10 Peterboro St., Detroit 1
Sadler, Henry H., Jr.....594 Rivard Blvd., Grosse Pointe 30
Sadzikowski, Jos. T.....1320 N. Denwood, Dearborn
Sage, Bernard A.....1013 Haigh St., Dearborn
Sage, Edward O. (L).....415 Burns Dr., Detroit 14
Sager, Edward L.....13902 Gratiot Ave., Detroit 5
St. Amour, Hector J.....20120 Renfrew, Detroit 21
St. Louis, Rene J. (L).....10909 W. Jefferson Ave., River Rouge 18
Sakorraphos, S. N. (L).....1346 Broadway, Detroit 26
Sakwa, Saul.....19467 Livernois, Detroit 21
Salan, Lacy J.....995 S. Main St., Plymouth
Salchow, Paul T.....Herman Kiefer Hosp., Detroit 2
Sall, Caroline D.....14359 Michigan, Dearborn
Sallee, William T.....33512 W. 5 Mile Rd., Livonia
Saltzstein, Harry C.....850 Whitmore Rd., Detroit 3
Salvaggio, A. T.....1308 Kales Bldg., Detroit 26
Sand, Harry H.....24110 Oxford, Dearborn
Sandberg, Hershel.....16800 Greenfield, Detroit 35
Sander, Frank V., Jr.....344 Glendale Ave., Highland Park 3
Sander, Irvin W.....5050 Cass Ave., Detroit 2
Sanders, Alexander W.....5057 Woodward Ave., Detroit 2
Sanderson, Alvord R. (L).....978 Pemberton Rd., Grosse Pointe 30
Sanderson, Suzanne M. (L).....18520 West 7 Mile Rd., Detroit 19
Sandler, Nathaniel.....76 W. Adams Ave., Detroit 26
Sandweiss, David J.....15201 W. McNichols Rd., Detroit 35
Sapala, M. Andrew.....13021 Mackenzie Ave., Detroit 28
Saraf, Leo B.....14540 E. Warren, Detroit 15
Sargent, Douglas A.....816 Grand Marais, Grosse Pte. Park
Sargent, Richard C.....17357 Fenkell St., Detroit 27
Sargent, William R.....17357 Fenkell St., Detroit 27
Sauk, John J.....302 W. McNichols Rd., Detroit 3
Saulsberry, Guy O.....301 E. Kirby, Detroit 2
Sauter, Simon H. (L).....1082 E. Grand Blvd., Detroit 7
Savignac, Eugene M.....Holy Cross Hosp., Detroit 34
Sawdyke, Daria H.....7012 Mich. Ave., Detroit 10
Scarney, Herman D.....3011 W. Grand Blvd., Detroit 2
Schaefer, H. C.....7815 E. Jefferson, Detroit 14
Schaefer, Robt. L. (A).....76 W. Adams, Detroit 26
Schaefer, Robt. L., Jr.....74 W. Adams, Detroit 26
Schaeffer, J. N.....261 Brady, Detroit 1
Schaeffer, Martin.....18275 Warrington Dr., Detroit 21
Schaffer, Loren W. (R).....6040 Wildrose Lane, Port Huron
Schakne, Norman R.....669 Fisher Bldg., Detroit 2
Scheinberg, S. R.....2240 W. Grand Blvd., Detroit 8
Schane, David A.....17157 Mendota, Detroit 21

Schembeck, Isaac S.....1553 Woodward Ave., Detroit 26
Schiller, Arthur E.....1553 Woodward Ave., Detroit 26
Schillinger, H. K.....4834 Neckel Ave., Dearborn
Schirack, Raymond D. (A).....Luzerne
Schkloven, Norman.....20051 Warrington, Detroit 21
Schlafer, Nathan H.....10 Witherell St., Detroit 26
Schlesinger, Henry.....13534 Woodward Ave., Detroit 3
Schmaltz, John D.....1701 David Whitney Bldg., Detroit 26
Schmidt, Generva F.....1074 Vernier Rd., Detroit 36
Schmidt, Harry E.....24625 Fairmount Rd., Dearborn
Schmidt, Milton R.....2615 W. Jefferson, Trenton
Schmidt, Werner F.....1807 Stroh Bldg., Detroit 26
Schmier, Burton L. (A).....20051 Litchfield, Detroit 21
Schmitt, Norman L.....10127 W. McNichols Rd., Detroit 21
Schneck, Robt. J.....1553 Woodward Ave., Detroit 26
Schneider, Chas. L.....22148 Michigan Ave., Dearborn
Schneider, Curt P.....655 Fisher Bldg., Detroit 2
Schoenfield, Gilbert D.....8830 W. McNichols Rd., Detroit 21
Schooten, Sarah S.....13700 Woodward Ave., Highland Park 3
Schorer, Calvin E.....951 E. Lafayette, Detroit 7
Schroeder, Carlisle F.....26505 E. River Rd., Grosse Ile
Schuchter, S. L.....1800 Tuxedo, Detroit 6
Schuknecht, Harold F.....558 Washington, Grosse Pointe
Schulte, Carl H.....28 W. Adams Ave., Detroit 26
Schultz, Clarence H.....19353 Carlyle St., Dearborn
Schultz, Ernest C.....1553 Woodward Ave., Detroit 26
Schwartz, Benj.....275 W. Grand Blvd., Detroit 16
Schwartz, Harold A.....7605 Puritan Ave., Detroit 38
Schwartz, Louis A.....3011 W. Grand Blvd., Detroit 2
Schwartz, Oscar D.....7421 W. 7 Mile Rd., Detroit 21
Schwartzberg, J. A.....19445 Plymouth, Detroit 28
Schwarz, Frank W.....7815 E. Jefferson, Detroit 14
Schweigert, C. F.....10627 Cadieux Rd., Detroit 24
Schwimmer, Benjamin.....660 Clinton St., Detroit 26
Schwocho, Niles H.....7106 Park Ave., Allen Park
Sciarrino, Stanley V.....15388 Livernois Ave., Detroit 38
Scott, Marrion U.....20170 Mack Ave., Detroit 36
Scott, Robert J.....7333 W. 7 Mile Road, Detroit 21
Scott, Wm. J.....20170 Mack Ave., Grosse Pte. Woods
Screen, Raymond J.....3160 Second Blvd., Detroit 1
Seabrooks, Benj. F., Jr.....9136 Oakland Ave., Detroit 11
Secord, Eugene W. (A).....18980 Wyoming, Detroit 21
Seeley, Ward F. (L)....1807 D. Whitney Bldg., Detroit 26
Segal, Andrew E.....3027 David Stott Bldg., Detroit 26
Segar, Laurence F.....10 Witherell St., Detroit 26
Segel, Nathan P.....19100 Manor, Detroit 21
Seibert, Alvin H. (L).....1180 Bedford Rd., Grosse Pt. Pk. 30
Seiferlein, A. L.....1553 Woodward Ave., Detroit 26
Seitam, Karl.....10149 Michigan Ave., Dearborn
Selbst, Ronald A.....1342 Maccabees Bldg., Detroit 2
Self, Wm. G.....20861 Mack Ave., Grosse Pointe 36
Sellers, Chas. W.....18545 Schoolcraft Ave., Detroit 23
Sellers, Graham A.....10535 W. 7 Mile Rd., Detroit 21
Seltzer, Joseph.....18963 James Couzens, Detroit 35
Selzer, Isidore.....4811 John R St., Detroit 1
Sepetys, Povilas.....Herman Kiefer Hosp., Detroit 2
Seski, Arthur G.....863 Fisher Bldg., Detroit 2
Sewell, Geo.....1116 Dav. Whitney Bldg., Detroit 26
Sewell, Guy W.....17751 East Warren Ave., Detroit 24
Shada, John C.....770 Shoreham, Grosse Pte. 36
Shafarman, Eugene M.....5320 John R St., Detroit 2
Shaffer, Jos. H.....2401 Radnor Dr., Birmingham
Shafter, Royce R.....3011 W. Grand Blvd., Detroit 2
Shanoski, Stanley J.....5057 Woodward Ave., Detroit 2
Shapiro, Isadore A.....4400 Livernois St., Detroit 10
Shapiro, Jacob.....15085 E. 7 Mile Rd., Detroit 5
Shapiro, Reuben I.....636 Maccabees Bldg., Detroit 2
Shargel, Geo. M. J.....1800 Tuxedo, Detroit 6
Sharp, Elwood A. (R).....633 Neff Rd., Grosse Pte. 30
Sharpe, Wm. D.....24251 W. McNichols, Detroit 19
Sharrer, Chas. H.....1133 Grayton, Detroit 30
Shekerjian, Armen.....20194 Wakefield, Detroit 21
Shelden, Warren E.....14215 W. McNichols Rd., Detroit 35
Sheldon, John A. (L).....1435 3 Mile Dr., Grosse Pte. Pk. 30
Shelton, Carl F.....952 Dav. Whitney Bldg., Detroit 26
Sheppard, Emma L. W. (R).....314 Main St., Fenton
Sherman, Marvin.....10310 Dartmouth, Oak Park 37
Sherman, Nimrod M.....3413 McDougall, Detroit 7
Sherman, W. LaRue.....10 Peterboro St., Detroit 2
Sherman, Wm. L., Jr. (A).....201 E. Kirby, Detroit 1
Sherrin, Edgar R.....17555 James Couzens, Detroit 35
Shewchuk, A. P.....7300 Allen Rd., Allen Park
Shick, John E.....Henry Ford Hosp., Detroit 2
Shields, Wm. L.....510 Hildale, Detroit 3
Shiffman, Milton M.....Mt. Sinai Hospital, Detroit 35
Shifrin, Peter G.....20211 Greenfield, Detroit 35
Shiovitz, Louis.....5419 Michigan Ave., Detroit 10
Shipton, Waldo H. (A).....General Delivery, Naples, Fla.
Shlain, Benj.....10244 W. 7 Mile Rd., Detroit 21
Shors, Clayton M.....19635 Mack Ave., Detroit 35
Shortz, Gerald (A).....7 Fairlane, Grosse Pointe
Shreve, Alfred J.....10149 Michigan Ave., Dearborn
Shulak, Irving B.....10 Witherell St., Detroit 26
Shufro, Arthur S.....23084 Kipling, Oak Park
Shulman, Herschel A.....5057 Woodward Ave., Detroit 2
Shumaker, Edward J.....17606 Wildemere, Detroit 21
Siefert, Wm. A.....17400 Grand River Ave., Detroit 27
Siddall, Roger S.....3011 W. Grand Blvd., Detroit 2
Sieber, Edward H.....15112 Michigan Ave., Dearborn
Siefert, John L.....12720 E. Outer Dr., Detroit 24
Siegel, Henry.....19720 Chesterfield, Detroit 21
Siero, Jose M.....9105 Van Dyke, Detroit 13
Sievers, Lorraine A.....1457 David Whitney Bg., Detroit 26
Sigler, John W.....1356 Greenlawn Blvd., Birmingham
Sill, Jacob A.....19635 Mack Ave., Detroit 36
Siller, John J.....16401 Grand River, Detroit 27
Sillery, Robt. J.....857 Grosse Pte. Ct., Grosse Pte. 30
Sills, Richard D.....14444 W. McNichols Rd., Detroit 35
Silvarman, Israel Z.....9105 Van Dyke Ave., Detroit 13
Silver, Israel W.....20000 W. Chicago, Detroit 28
Silver, Robert R.....275 W. Grand Blvd., Detroit 16
Silverman, Maurice M.....17301 W. 8 Mi. Rd., Detroit 35
Silverman, Max.....2240 W. Grand Blvd., Detroit 8
Simmons, Donald R.....958 Fisher Bldg., Detroit 2
Simon, Heinz G.....18031 Kelly Rd., Detroit 24
Simpson, Gordon E.....18101 E. Warren Ave., Detroit 24
Simson, Clyde B.....951 E. Lafayette, Detroit
Sinclair, James W.....16404 E. Warren, Detroit 24
Singer, Floyd W.....13530 Michigan Ave., Dearborn
Sippola, Geo. W.....13603 LaSalle Blvd., Detroit 38
Sisson, John M.....17320 W. McNichols, Detroit 35
Sivak, B. J.....24604 Templar, Southfield
Sklar, Manuel.....14444 W. 6 Mile Rd., Detroit 35
Skully, Edward J.....14000 Linnhurst, Detroit 5
Sladen, Frank J. (L).....Henry Ford Hospital, Detroit 2
Slahetka, Vincent E.....19334 Bretton Drive, Detroit 23
Slaugenhaupt, J. G. (L).....16887 Lawton, Detroit 21
Slaughter, Fred M.....455 E. Adams St., Detroit 26
Slazinski, Leo W.....7618 Michigan Ave., Detroit 10
Slevin, John G.....10 Witherell St., Detroit 26
Sliwin, Edward P.....4917 Schaefer Rd., Dearborn
Slusky, Jos.....854 Fisher Bldg., Detroit 2
Slutzky, Gilbert.....18614 Warrington, Detroit 21
Sly, Robt. F.....2101 Monroe Blvd., Dearborn 8
Small, Henry.....11507 Hamilton Ave., Detroit 2
Smathers, Homer M.....14219 W. McNichols, Detroit 35
Smathers, Ward M.....14219 W. McNichols, Detroit 35
Smeck, Arthur R. (L).....1036 Waterman Ave., Detroit 9
Smith, Claude A. (L).....7 Adams Lane, Dearborn
Smith, Douglas H.....10151 Michigan, Dearborn
Smith, F. Janney (L).....1050 Yorkshire Rd., Grosse Pte. Pk. 30
Smith, Henry L.....16401 Grand River Ave., Detroit 27
Smith, J. Allen.....14140 Puritan Ave., Detroit 27
Smith, Richard H.....1308 Broadway, Detroit 26
Smith, Richmond W., Jr.....2799 W. Grand Blvd., Detroit 2
Smith, Roger F.....18755 Wilshire Ave., Lathrup Village

Smith, W. Pierce.....Henry Ford Hospital, Detroit 2
Smolenski, John J.....13815 Puritan Ave., Detroit 27
Smyka, Edward J.....6111 Charles St., Detroit 12
Smyka, Stanley M.....15731 Glenwood, Detroit 5
Snedeker, Bernard C.....18800 Woodward Ave., Detroit 3
Snider, Thomas H.....VA Hospital, Dearborn
Snoke, Edwin C.....Lynn Hospital, Detroit 17
Snow, Linwood W.....508 W. Main St., Northville
Snyder, Richard J.....25701 Joy Rd., Dearborn
Sobel, Robt. A.....18980 Wyoming, Detroit 21
Soifer, Sidney.....Sinai Hospital, Detroit 35
Sokol, Wm. M.....15800 W. McNichols, Detroit 35
Sokolov, Raymond A.....3011 W. Grand Blvd., Detroit 2
Solberg, Lincoln E.....2021 Monroe, Dearborn
Solle, Alex S.....19309 Greenfield, Detroit 35
Solomon, A. B.....9559 Greenfield, Detroit 27
Solomon, Robert J.....1221 Lincoln, Lincoln Park
Sonda, Lewis P.....1553 Woodward Ave., Detroit 26
Sorock, Milton L.....19467 Livernois, Detroit 21
Sosa, Carlos M. A.....10824 Talbot St., Huntington Woods
Speck, Carlos C.....6525 Park Ave., Allen Park
Spector, Maurice J.....12938 E. Jefferson, Detroit 15
Spero, Gerald D. (A).....7330 W. 7 Mile Rd., Detroit 21
Sperry, Frederick L. (A)....490 Arlington, Berkley, Calif.
Sphire, Raymond D.....4160 John R St., Detroit 1
Spiro, Adolph S.....13240 Harper, Detroit 13
Springborn, Benj. R. (L).....15818 E. Warren Ave., Detroit 24
Sprunk, Carl J.....2900 Oakwood Blvd., Melvindale
Spurrier, Ethelbert.....1553 Woodward Ave., Detroit 26
Squires, Walter M. (R).....1616 S. 28 Ave., St. Petersburg, Fla.
Stalker, Hugh (R).....824 Lakeshore, Detroit 36
Stamell, Benjamin B.....658 Maccabees Bldg., Detroit 12
Stamell, Meyer.....14634 Greenfield St., Detroit 27
Staniszewski, C.....8581 Pinehurst, Detroit 4
Stanton, James M.....1001 Mutual Bldg., Detroit 26
Stanton, Myron R.....3400 W. Warren, Detroit 8
Stapleton, Wm. J., Jr. (L).....201 E. Kirby Ave., Detroit 2
Starbird, Wm. A.....14110 Gratiot, Detroit 5
Staricco, Renato.....3725 Fort St., Lincoln Park
Starkman, Morris.....17104 Hoover, Detroit 5
Starrs, Thos. C. (L).....509 Fox Theatre Bldg., Detroit 1
Staryk, Steven E.....1010 N. Oxford Rd., Detroit 36
Statzer, Darrell E.....955 Fisher Bldg., Detroit 2
Staub, Howard P.....37625 Michigan Ave., Wayne
Staudt, Louis W.....1201 Pilgrim, Birmingham
Stearns, Alexander B.....1116 Maccabees Bldg., Detroit 2
Stebbins, Chas. E.....664 Fisher Bldg., Detroit 2
Stecker, Arthur.....13622 Dexter, Detroit 38
Steel, William B.....6958 Town Lane, Dearborn
Steepe, Chas. A. D.....2081 Mack, Grosse Pte. Woods
Stefani, Andrew E.....1701 N. Renaud, Detroit 36
Stefani, Ernest L.....18600 Birchcrest, Detroit 21
Stefani, Raymond T.....13526 Stoepel, Detroit 38
Stein, Albert H.....19334 San Juan Dr., Detroit 21
Stein, Emory.....13115 Woodward, Detroit 3
Stein, Harvey S.....19075 Middlebelt Rd., Livonia
Stein, Saul C.....23105 Van Dyke, Van Dyke
Steinbach, A. L.....320 Merriweather Rd., Grosse Pte. 36
Steinberger, E. J.....6402 W. Fort St., Detroit 9
Steiner, Fredk. B.....7675 Ridge Rd., Plymouth
Steiner, Gabriel.....10 Peterboro St., Detroit 1
Steiner, Louis J.....12636 Chelsea Ave., Detroit 13
Steiner, S. D.....3044 W. Grand Blvd., Detroit 2
Steinhardt, Milton J.....10720 W. 7 Mile Rd., Detroit 21
Stellhorn, Chester E.....12900 W. 7 Mile Rd., Detroit 35
Stellhorn, Mary C (A).....16616 Mack Ave., Detroit 24
Stempel, Edward M.....18324 Fairfield Ave., Detroit 21
Sterba, Richard F.....1130 Parker Ave., Detroit 14
Sterling, Robt. R.....52 Oxford Blvd., Pleasant Ridge
Stern, Edward A.....12710 Dexter Blvd., Detroit 38
Stern, Julian.....1553 Woodward Ave., Detroit 26
Stern, Leonard H.....1630 Wellesley Dr., Detroit 3
Stern, Louis D.....1553 Woodward Ave., Detroit 26
Stevens, Chas. H.....Med. Concourse Northland Center, Southfield
Stevenson, Chas. S.....19545 Park Lane, Grosse Ile
Stevenson, Lee B.....Henry Ford Hosp., Detroit 2
Stewart, Lula B.....8633 Dexter Blvd., Detroit 6
Stewart, Maitland N., Jr.....10 Peterboro St., Detroit 1
Stewart, Robert M.....15357 Farmington Rd., Livonia
Stewart, Thos. O.....17187 Schaefer Highway, Detroit 35
Stewart, Marjorie.....581 Golfcrest, Dearborn
Stiefel, Danl. M.....1553 Woodward Ave., Detroit 26
Stillwater, Karl.....18221 Pennington, Detroit 21
Stirling, A. M. (R).....1399 Torrey Rd., Detroit 36
Stith, Dwight E.....505 Owen St., Detroit 2
Stobbe, Godfrey D.....Grace Hospital, Detroit 1
Stocker, Lawrence L.....7330 W. 7 Mile Rd., Detroit 21
Stocker, Marvin L.....16401 Grand River, Detroit
Stockwell, Benj. W.....3919 John R St., Detroit 1
Stokfisz, Thaddeus.....7012 Michigan, Detroit 10
Stoller, Raymond.....25210 Grand River Ave., Detroit 40
Stone, David Q.....3001 Miller Rd., Dearborn
Stone, Sidney L.....14620 E. 7 Mile Rd., Detroit 5
Straith, Richard E.....2605 W. Grand Blvd., Detroit 8
Strand, Martin E.....22400 Cherry Hill, W. Dearborn
Stricker, Henry D.....5624 W. Fort St., Detroit 9
Strickroot, Fred L.....3800 Bishop Rd., Detroit 24
Stronski, G. E.....9901 Whittier, Detroit 24
Strutz, Wm. C.....68 Westwood, Leavenworth, Kansas
Stryker, Joan C.....21604 E. River Rd., Grosse Ile
Stryker, Walter A.....P.O. Box 31, Wyandotte
Stubbs, Clayton T.....13930 Woodward, Detroit 3
Stump, Geo. D.....1355 Dav. Whitney Bldg., Detroit 26
Suen, Irene T. S.....3675 E. Outer Dr., Detroit 34
Sugar, David I.....13120 Broadstreet, Detroit 38
Sugar, H. Saul.....18140 San Juan Dr., Detroit 21
Sugarman, Marcus H.....15201 W. McNichols, Detroit 35
Sullivan, Hugh A.....1553 Woodward Ave., Detroit 26
Sultzman, L. Carl.....1438 Iroquois, Detroit 14
Summers, Wm. A.....1553 Woodward Ave., Detroit 26
Summers, Wm. S. (L).....402 N. Palmway, Lake Worth, Fla.
Surbis, John P.....22277 Long Blvd., Dearborn
Sutherland, Jacob M. (L)....716 Pallister Ave., Detroit 2
Suwinski, Raymond H.....9801 Conant St., Hamtramck 12
Swan, Donald C.....651 Fisher Bldg., Detroit 2
Swanson, Carl W.....936 Alter Rd., Detroit 15
Swanson, Raymond E. (A).....22161 W. Outer Dr., Dearborn
Swanson, Robt. G.....936 Alter Rd., Detroit 15
Swartz, Fred G., Jr.....1329 David Whitney Bldg., Detroit 26
Sweeny, Donald N., Jr.....8445 E. Jefferson, Detroit 14
Swihart, John J.....505 Dav. Whitney Bldg., Detroit 26
Switzer, Bertrand C. (R).....12246 Ilene, Detroit
Syphax, Charles S.....1819 Davison, Detroit 3
Szabunia, Sigmund C.....19600 Van Dyke, Detroit 34
Szilagyi, D. Emerick.....14638 Stahelin, Detroit 23
Szladek, Frank J.....4045 W. Jefferson Ave., Ecorse 29

Taber, Rodman E.....Henry Ford Hosp., Detroit 2
Tactac, Albert J.....1355 Dav. Whitney Bldg., Detroit 26
Talbot, Frank G.....1365 Cass, Detroit 26
Tallant, Edward J.....14001 Greenfield, Detroit 27
Talmers, Fredk. N.....VA Hospital, Dearborn
Tamblyn, E. J. (L).....737 Marlborough, Detroit 15
Tanner, Natalia M.....8035 Twelfth St., Detroit 6
Tapert, Julius C.....888 Chalmers Ave., Detroit 15
Tarpinian, Dick A.....1048 David Whitney Bldg., Detroit 26
Tarpinian, Harry.....37625 Michigan, Wayne
Tasker, Helen E.....76 W. Adams Ave., Detroit 26
Tassie, Ralph N.....15000 Gratiot Ave., Detroit 5
Tatelis, Gabriel A.....1011 E. Grand Blvd., Detroit 7
Tatelman, Maurice.....5440 Cass Ave., Detroit 2
Taurence, Wm. H.....1860 Ford Ave., Wyandotte
Taylor, Ivan B.....1421 Anita Avenue, Grosse Pointe 36
Taylor, Junius L.....2433 W. Boston Blvd., Detroit 6

Taylor, Nelson M.....654 St. Clair Ave., Grosse Pointe 30
Taylor, Richard A.....28 W. Adams St., Detroit 26
Taylor, Wm. V.....324 Moross Rd., Detroit 36
Tazzioli, Henry A.....21970 Moross Rd., Detroit 36
Tear, Malcolm J. J.....862 W. McNichols Rd., Detroit 3
Teitelbaum, Myer.....18510 Meyers Road, Detroit 35
Tenaglia, Thos. A.....820 Kings Hwy., Lincoln Park
Tenerowicz, R. G.....2925 Lehman Ave., Detroit 12
Texter, Elmer C.....7457 Gratiot Ave., Detroit 13
Theisen, Nikolaus J.....Wayne Co. Gen. Hosp., Eloise
Thomas, Alfred E.....73 E. Palmer, Detroit 2
Thomas, Blanche M.....6535 Allen Rd., Allen Park
Thomas, Delma F. (L)....3011 W. Grand Blvd., Detroit 2
Thompson, Arthur L.....12632 Dexter, Detroit 38
Thompson, Hugh O.....6014 W. Fort St., Detroit 9
Thompson, Wm. A. (R).....12632 Dexter, Detroit 38
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Trupiano, Samuel.....420 Eastland Center Prof. Bldg., Detroit 36
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Vaitas, Otonas.....9928 Farmington, Livonia
Vale, Clair F. (R)....2615 Via Tuscany, Winter Pk., Fla.
Vaitkevicius V.....Henry Ford Hosp., Detroit 2
Van Arsdale, Wm. L. (A).....15920 Loveland, Livonia
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Wilcox, Leslie F. (A).....505 Middlesex Rd., Grosse Pointe Park
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Williams, Eugene W.....10149 Michigan, Dearborn
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Wilson, Gerald S.....3011 W. Grand Blvd., Detroit 2
Wilson, Ian D.....4741 Spokane, Detroit 4
Wilson, Merton C.....15439 Harper Ave., Detroit 24
Winnick, Lawrence C.....19120 Snowden, Detroit 35
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Wishropp, Edward A.....20250 Mack, Grosse Pointe 36
Wisniewski, E. M.....20100 Cooley, Detroit 19
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Wittenberg, Samson S.....2306 Oakman Blvd., Detroit 38
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Witter, Jos. A.....344 Glendale Ave., Highland Park 3
Witus, Morris.....9036 Dexter Blvd., Detroit 6
Witus, Carl.....15041 E. 7 Mile Rd., Detroit 5
Wolfe, Max O.....7260 Gen. Motors Bldg., Detroit 2
Wolfson, Wm. Q.....130 Waverly, Highland Park
Wollank, Helen W.....15439 Harper, Detroit 24
Wollenberg, Robt. A. C. (L)..18675 Parkside, Detroit 21
Wolter, James G.....Mt. Carmel Mercy Hosp., Detroit 35
Wood, Alfred L.....25001 Ford Rd., Dearborn
Wood, Douglas J.....2860 Clark Ave., Detroit 10
Wood, Geo. P.....2730 E. Jefferson St., Detroit 7
Wood, Kenneth A.....3919 John R St., Detroit 1
Wood, Wilford C.....3011 W. Grand Blvd., Detroit 2
Woodbury, Ralph F.....15850 E. Warren, Detroit
Woodley, Bernard J. (M)..P.O. Box 787, 29 Palms, Calif.
Woods, Joseph J.....18255 W. McNichols, Detroit
Woolfenden, Jos. B.....1215 3 Mile Rd., Grosse Pte. Park
Worrell, Calier H.....17800 E. 8 Mile Rd., Detroit
Worzniak, Jos. J.....2312 Biddle Ave., Wyandotte
Wreggit, Winston R.....17 Colorado Ave., Highland Park 3
Wright, Charles H.....50 Westminster, Detroit 2
Wruble, Jos.....411 Selden Ave., Detroit 1
Wunsch, Richard E.....497 Rivard Blvd., Grosse Pte. 30
Wyatt, Rudolph A.....2785 S. Fort St., Detroit 17
Wybranowski, Jan.....17644 W. Warren, Detroit 28
Wylie, John H.....Henry Ford Hosp., Detroit 2
Yarrows, Morton I.....455 Medbury St., Detroit 2
Yates, Arthur J. W.....16355 E. Jefferson, Grosse Pte. Pk.
Yesayian, H. G.....609 Kales Bldg., Detroit 26
Yetzer, Wm. J.....511 Professional Bldg., Detroit 1
Yoder, Robt. R.....41001 E. 7 Mile Rd., Northville
Yott, Wm. J.....854 Lakeshore Rd., Detroit 36
Young, David J.....19820 Plymouth Rd., Detroit 28
Young, Donald A.....14807 W. McNichols Rd., Detroit 35
Young, Donald C.....1151 Taylor, Detroit 2
Young, Irving I.....32280 Shrewsbury, Farmington
Young, Lloyd B.....Route 2, Suttons Bay
Young, M. O.....8445 E. Jefferson, Detroit 14
Young, Richard D...18000 Jas. Couzens Hwy., Detroit 35
Young, Viola M. (L).....10 Peterboro St., Detroit 1
Young, Watson A.....43691 Expressway, Belleville
Youngstrom, Clarence S.....8004 Lochdale, Dearborn
Zabinski, Edward J.....585 Ballantyne Rd., Detroit 36
Zadurowycz, Anton.....2900 S. Fort St., Detroit 17
Zager, Bernard S.....25321 Fenkell Ave., Detroit 39
Zako, Louis R.....Oakwood Hospital, Dearborn
Zavell, Paul M.....9634 Evarts, Detroit 24
Zawacki, Sigmund G.....22214 Ford Rd., Dearborn
Zawadzki, Edward S.....14961 Piedmont Ave., Detroit 23
Zbikowski, Jos.....Wayne Co. Gen. Hosp., Eloise
Zbikowski, Z. T.....33563 5 Mile Rd., Livonia
Zbudowski, Myron R.....10040 Jos. Campau Ave., Detroit 12
Zeff, Robert.....25210 Grand River, Detroit 40
Zelenock, Michael N.....2300 Oak, Wyandotte
Zemaitis, Petras.....3835 Biddle St., Wayne
Zemens, Jos. L.....13061 E. 8 Mile Rd., East Detroit
Ziegler, Robt. F.....Henry Ford Hosp., Detroit 2
Zielinski, Chas. J.....10801 W. Warren, Dearborn
Zinn, Geo. H.....1553 Woodward Ave., Detroit 26
Zolliker, Margaret Z.....1420 Anita St., Detroit 36
Zubroff, L. S.....752 Fisher Bldg., Detroit 2
Zuelzer, Wolf W.....5224 St. Antoine St., Detroit 2
Zukowski, Henry J.....72 N. Deeplands, Detroit 36
Zukowski, Sigmund A...6626 Van Dyke Ave., Detroit 13
Zwirkoski, T. S.....5605 Michigan Ave., Detroit 10

WEXFORD-MISSAUKEE COUNTY MEDICAL SOCIETY (226)

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Daugharty, Robt. V.....107 N. Mitchell, Cadillac
Inman, John C.....Lake City
Koepke, Benjamin.....McBain
Lommen, Ralph G.....Manton
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Moore, G. P.....107½ N. Mitchell, Cadillac
Murphy, M. R.....120 Cass St., Cadillac
Norton, R. C.....706 Lincoln St., Cadillac
Pierce, Robert E.....554 S. Lake Mitchell Dr., Cadillac
Posthuma, Millard.....124 E. Cass St., Cadillac
Seger, Dean W.....Lake City
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Tornberg, G. C.....124 E. Cass St., Cadillac
Youngman, Douglas C.....Marion

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de Kruif, Paul, Ph.D.....Wake Robin, Holland
Johnson, Donald E.....211 E. Court St., Flint 3
Upjohn, Lawrence N.....301 Henrietta St., Kalamazoo

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Woman's Auxiliary

Directory of Members, 1960

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Brachman, Mrs. Peter A.....Thomas St., Allegan
Chase, Mrs. Walter E.....890 Riverview Rd., Allegan
Cherne, Mrs. Harold M.....R.R. #2, Hopkins
Clark, Mrs. James I.....Fennville
Goddard, Mrs. Glendon B.....218 E. Orleans, Otsego
Keeler, Mrs. Van O.....712 Dix Ave., Otsego
Schneiter, Mrs. Harry E.....425 Cutler St., Allegan
Topp, Mrs. Elwin W.....843 Thomas, Plainwell
Van Der Kolk, Mrs. Bert.....Hopkins

BAY COUNTY

Alcorn, Mrs. Kent.....2211 McKinley St., Bay City
Alcorn, Mrs. Marshall,.....210 Pendleton St., Bay City
Allen, Mrs. Arthur D.....4551 Two Mile Rd., Bay City
Asbury, Mrs. Richard.....2011 S. Sherman St., Bay City
Asline, Mrs. J. Norris.....310 Valerie Ct., Essexville
Bowman, Mrs. David A.....900 Powell Rd., Essexville
Brown, Mrs. George M.....2257 Carroll Rd., Bay City
Campbell, Mrs. Donald A.....203 Plummer St., Essexville
Campbell, Mrs. John.....1838 McKinley Ave., Bay City
Chapin, Mrs. Frederick J.....2121 Center Ave., Bay City
Cook, Mrs. Hugh.....1526 Helen St., Bay City
Cooper, Mrs. James C.....705 Oak St., Essexville
Cosens, Mrs. Stanley A.....701 Webb Dr., Bay City
Criswell, Mrs. Robert H.....1412 Center Ave., Bay City
Dardas, Mrs. Michael J.....1611 Fourth St., Bay City
DeWaele, Mrs. Paul.....2171 Center Ave., Bay City
Drummond, Mrs. Fred.....Kawkawlin
Dumond, Mrs. V. H.....1700 Fifth Ave., Bay City
Ellison, Mrs. Alfred.....306 Green Ave., Bay City
Freel, Mrs. John.....2202 Eleventh St., Bay City
Gamble, Mrs. Wm. G., Jr.....1303 Fifth St., Bay City
Gehman, Mrs. J. R.....Omer
Geneczko, Mrs. John.....2165 Center Ave., Bay City
Grigg, Mrs. John W.....300 N. Woodbridge, Bay City
Hafford, Mrs. Robert C.....1486 Seena Ct., Essexville
Hagelshaw, Mrs. G. L.....1203 Fifth St., Bay City
Heuser, Mrs. Harold H.....2021 Sixth St., Bay City
Hickner, Mrs. Loren P.....107 Green Ave., Bay City
Horowitz, Mrs. Samuel F.....3 Sovereign Dr., Bay City
Howland, Mrs. Walter.....Pinconning
Huckins, Mrs. Rodger S.....404 N. Trumbull St., Bay City
Jacoby, Mrs. A. H.....2202 Ninth St., Bay City
Jaffe, Mrs. Martin D.....705 McDonnell St., Essexville
Jens, Mrs. Otto.....1506 Prairie St., Essexville
Johnson, Mrs. Orlen J.....105 Parkwood Ct., Bay City
Jones, Mrs. Culver.....1024 Rosemary Lane, Essexville
Knobloch, Mrs. Howard.....1911 Center Ave., Bay City
Kulinski, Mrs. Eugene J.....601 Ames Ct., Bay City
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Langin, Mrs. John.....2126 Center Ave., Bay City
Macrae, Mrs. L. Douglas.....813 N. Sherman, Bay City
Mayne, Mrs. John C.....604 Park Ave., Bay City
McDonnell, Mrs. Walter R.....Pinconning
McEwan, Mrs. John.....2310 Nurmi Dr., Bay City
McGee, Mrs. Harry.....4774 Westgate Dr., Bay City
McGee, Mrs. Peter.....2105 Fifth St., Bay City
McLurg, Mrs. John.....1900 Center Ave., Bay City
Medvezky, Mrs. M. J.....314 Hill St., Bay City
Miller, Mrs. Edwin C.....614 Nurmi Ct., Bay City
Moore, Mrs. Neal R.....2141 Fifth St., Bay City
Mosier, Mrs. Dwight J.....307 Midland St., Bay City
Pearson, Mrs. S. M.....501 W. Jenny St., Bay City
Pelczar, Mrs. Walter.....321 N. Johnson St., Bay City
Perkins, Mrs. Roy C.....2118 Fifth St., Bay City
Prophater, Mrs. Robert C.....2696 Westgate Dr., Bay City
Reddick, Mrs. Charles.....2015 Seventh St., Bay City
Reed, Mrs. Wm. S.....2230 Groveland Rd., Bay City
Reuter, Mrs. Clarence.....5561 Gaertner Ct., Bay City
Rodda, Mrs. Edward H.....2005 Center Ave., Bay City
Rogers, Mrs. Charles.....81 Tuscola Rd., Bay City
Scrafford, Mrs. R. E.....814 Center Ave., Bay City
Shafer, Mrs. Harold C.....424 Green Ave., Bay City
Shields, Mrs. Hubert L.....206 Pine St., Essexville
Slattery, Mrs. M. T.....1914 Center St., Bay City
Staley, Mrs. Hugh O.....Omer
Stanford, Mrs. David.....2016 Sixth St., Bay City
Stankey, Mrs. Robert.....310 Pine St., Essexville
Stinson, Mrs. Walter.....4216 Ann Ct., Bay City
Stroia, Mrs. Lee N.....414 Main St., Essexville
Suter, Mrs. Don E.....1611 Green Ave., Bay City
Taberi, Mrs. Z. E.....2712 S. Westgate Dr., Bay City
Tarter, Mrs. C. S.....1712 Center Ave., Bay City
Taylor, Mrs. Robert S.....4656 Richardson Dr., Bay City
Tompkins, Mrs. Dana.....Pinconning
Treadway, Mrs. Gaylord A.....2263 Carroll Rd., Bay City
Urmston, Mrs. P. B.....1862 McKinley St., Bay City
Vail, Mrs. Harry.....1600 Borton St., Essexville
Wilcox, Mrs. James W.....210 Gates St., Bay City
Wilson, Mrs. T. G.....1714 Sixth St., Bay City
Woodburne, Mrs. H. L.....1107 Borton St., Essexville
Wright, Mrs. Thomas B.....531 Handy Dr., Bay City
Ziliak, Mrs. A. L.....3393 Kiesel Rd., Bay City

BERRIEN COUNTY

Bailey, Mrs. John.....2150 Samuel, Benton Harbor
Beal, Mrs. Gerald.....106 Brown School Rd., St. Joseph
Benner, Mrs. Wm. H.....408 Lakeshore Dr., St. Joseph
Bliesmer, Mrs. August F.....2108 Morton Ave., St. Joseph
Bronfenbrenner, Mrs. Jack.....169 Michigan St. Benton Harbor
Camp, Mrs. Donald.....535 Cherry St., Niles
Chickering, Mrs. Wm. A.....205 E. Delaware Benton Harbor
Cilella, Mrs. S. G.....811 Peashway, South Bend 17, Ind.
Cooper, Mrs. Wm. L.....Box 28 N. Maple Dr., Coloma
Conybeare, Mrs. Robt. C.....756 Pipestone, Benton Harbor
Crowell, Mrs. Richard C.....920 Sunset Ct., St. Joseph
Earle, Mrs. Max R.....190 Michigan St., Benton Harbor
Elghammer, Mrs. Richard M.....1106 Highland Ave. St. Joseph
Elliot, Mrs. J. Colin.....Park Ct., Buchanan
Faber, Mrs. Michael.....176 W. Napier, Benton Harbor
Fattic, Mrs. Grover R.....806 S. Third St., Niles
Garrett, Mrs. Evan.....3420 N. Fifth St., Niles
Galles, Mrs. James O.....Box 29 R.R. #1 Paw Paw Island, Coloma
Gould, Mrs. Samuel....309 Fidelity Bldg., Benton Harbor
Hassan, Mrs. D. Kent.....606 Rynearson, Buchanan
Hayes, Mrs. Thomas P.....Box 739 Lakeshore Dr., St. Joseph
Hershey, Mrs. Noel J.....1648 Broadway, Niles
Howard, Mrs. Frank W.....756 Pipestone, Benton Harbor
Hudnutt, Mrs. Dean.....332 E. Napier Ave., Benton Harbor
Huff, Mrs. Harold D.....126½ Main St., Niles
Irgens, Mrs. Edwin.....1110 Flanders, St. Joseph
Johnston, Mrs. Wm. H.....514 Sutherland, St. Joseph
Kenfield, Mrs. W. J.....Box 10 N. Shore Dr., Benton Harbor
Kennedy, Mrs. F. Alan.....582 Pearl, Benton Harbor
King, Mrs. Byron B.....1296 Seneca Rd., Benton Harbor
Klos, Mrs. Henry J.....2700 Highland St., Benton Harbor
Landgraf, Mrs. Robt. L.....527 W. Main, Niles
Lindenfeld, Mrs. Fred H.....443 S. St. Joseph St., Niles
Lininger, Mrs. Richard E.....2712 Highland Ct., St. Joseph
Manning, Mrs. John T.....1611 Forres Ave., St. Joseph
May, Mrs. A. J.....925 Pipestone, Benton Harbor
McLelland, Mrs. J. T.....437 Hooverway, Benton Harbor
Mesirow, Mrs. Stanley M.....1758 Commonwealth, Benton Harbor
Moore, Mrs. T. Scott.....1649 Broadway, Niles
Ozeran, Mrs. Chas. J.....127 E. Napier, Benton Harbor
Porter, Mrs. Chas. B.....1589 Colfax Ave., Benton Harbor
Pritchard, Mrs. Harold M.....2031 US 31 N., Niles
Ray, Mrs. Dean K.....2019 Langley Ave., St. Joseph
Reagan, Mrs. Robt.....232 Windsor Rd., Benton Harbor
Rice, Mrs. Franklyn G.....324 N. Fourth St., Niles
Richmond, Mrs. Dean M.....218 S. Sunnybank Rd., St. Joseph
Ruth, Mrs. J. Griswold.....507 Britain Ave., Benton Harbor
Skinner, Mrs. James W.....460 Ridgeway St., St. Joseph
Smith, Mrs. W. B.....192 Robbins, Benton Harbor
Strayer, Mrs. I. C.....103 Moccasin, Buchanan
Strayer, Mrs. John W.....553 Grant, Niles
Stulik, Mrs. Chas. K.....Box 98 Town Line Rd., Union Pier
Thorup, Mrs. D. W.....1160 Miami Rd., Benton Harbor
Valantiejus, Mrs. John A.....R.R. #2 Cedar Lane Farm, New Buffalo
Vastine, Mrs. Russell J.....430 W. Chicago, Buchanan
Woodford, Mrs. Hackley E.....North Shore Dr., Benton Harbor
Wilson, Mrs. Clinton W.....925 Pipestone, Benton Harbor
Zick, Mrs. Luther H.....426 Ridgeway, St. Joseph

BRANCH COUNTY

Aldrich, Mrs. Napier S.....162 Marshall St., Coldwater
Bacon, Mrs. Charles R.....59 North Circle Dr., Coldwater
Bailey, Mrs. James.....10 Carlyle Ave., Coldwater
Beck, Mrs. Perry C.....235 N. Walker, Bronson
Buell, Mrs. Martin F.....407 N. Broadway, Union City
Coates, Mrs. Carl A.....R.R. #1, Quincy
Culver, Mrs. B. W.....72 Division, Coldwater
Culver, Mrs. Dean T.....78 Division, Coldwater
Fraser, Mrs. Robt. J.....52 Fairfield Dr., Coldwater
Gist, Mrs. Lemuel I.....80 N. Sprague St., Coldwater
Gomley, Mrs. Henry G.....435 W. Chicago St., Bronson
Hamilton, Mrs. Earl....State Home and Training School, Coldwater
Harris, Mrs. Donald.....28 Edison Ct., Coldwater
Heffelfinger, Mrs. John C.....150 Liberty St., Coldwater
Leitch, Mrs. Robt. M.....R.R. #2, Union City
Mooi, Mrs. H. Roy.....20 Fairfield Dr., Coldwater
Moss, Mrs. Harvey L.....86 W. Clarke St., Coldwater
Nettleman, Mrs. Wm. E.....136 E. Pearl St., Coldwater
Olmsted, Mrs. Kenneth L.....70 Marshall St., Coldwater
Rennell, Mrs. Edward J.....State Home & Training School, Coldwater
Rick, Mrs. John.....131 N. Hanchett, Coldwater
Southworth, Mrs. Robt.....172 Fairfield Ave., Coldwater
Thomas, Mrs. James E.....390 E. Chicago, Coldwater
Wade, Mrs. Robt. L.....144 E. Chicago, Coldwater
Walton, Mrs. Nathan J.....61 E. Chicago, Quincy
Weidner, Mrs. Harold J.....16 S. Fremont, Coldwater
Wise, Mrs. Robt.....State Home & Training School, Coldwater

CALHOUN COUNTY

Albright, Mrs. Arnold A.....R.R. #3, Box 380A, Battle Creek
Allen, Mrs. Richard H.....177 Orchard Ave., Battle Creek
Amos, Mrs. Norman H.....191 Waubascon Rd., Battle Creek
Bakken, Mrs. Richard L...91 Sherman Rd., Battle Creek
Barden, Mrs. Stuart P...R.R. #6, Box 9112, Battle Creek
Baribeau, Mrs. Roy H.....1003 Capitol Ave. S.W., Battle Creek
Becker, Mrs. Harry F...R.R. #3, Box 303A, Battle Creek
Beuker, Mrs. Herman.....501 N. Kalamazoo, Marshall
Bodine, Mrs. Harold R.....396 Country Club Dr., Battle Creek
Bonifer, Mrs. Philip P.....93 Clinton Dr., Battle Creek
Boswell, Mrs. David E.....315 N. Madison, Marshall
Brown, Mrs. Robt. W.....24 Country Club Dr., Battle Creek
Byland, Mrs. Nils O...107 Greenwood Ave., Battle Creek
Campbell, Mrs. Jack S.....119 Shadywood Lane, Battle Creek
Campbell, Mrs. Richard J.....315 N. Orchard Place, Battle Creek

DIRECTORY OF MSMS WOMAN'S AUXILIARY

Capron, Mrs. Manley J., Jr.....114 College St., Battle Creek
Chandler, Mrs. Edward M.....55 N. Broad St., Battle Creek
Chynoweth, Mrs. Wm. R.....88 Ann Ave., Battle Creek
Coakes, Mrs. Jack E.....716 Gorham St., Marshall
Colquhoun, Mrs. Graham F.....12 Country Club Dr., Battle Creek
D'Aversa, Mrs. Gene.....705 Orchard Dr., Albion
Diamante, Mrs. Paul J.....224 WahWahTaySee Way, Battle Creek
Ferazzi, Mrs. Patrick S...111 Orchard Ave., Battle Creek
Fraser, Mrs. Robt. H.....198 Fremont St., Battle Creek
Finch, Mrs. Duward L.....72 Jennings Rd., Battle Creek
Fisher, Mrs. Robt. E.....1501 W. Michigan Ave., Battle Creek
Funk, Mrs. L. D.....133 W. Burr Oak, Athens
Giddings, Mrs. Allan M.....Battle Creek Health Center, Battle Creek
Graubner, Mrs. Franklin.....707 N. Linden, Marshall
Griffith, Mrs. Jack C.....R.R. #3, Box 261, Bellvue
Hamady, Mrs. A.....236 Central, Battle Creek
Hansen, Mrs. Harvey C.....80 Country Club Dr., Battle Creek
Hibbs, Mrs. Donald K.....117 Sunnyside Dr., Battle Creek
Hills, Mrs. C. R.....210 Chestnut St., Battle Creek
Holtom, Mrs. Benjamin G.....78 Norwood Dr., Battle Creek
Hubly, Mrs. James W.....446 Country Club Dr., Battle Creek
Humphrey, Mrs. Arthur A.....788 Country Club Dr., Battle Creek
Jeffrey, Mrs. James R.....62 Ann Ave., Battle Creek
Jones, Mrs. Aubrey H...513 W. Michigan Ave., Marshall
Keagle, Mrs. Leland R...41 Garrison Ave., Battle Creek
Kelleher, Mrs. George T...65 Sherman Rd., Battle Creek
Kimball, Mrs. Arthur S., Jr.....196 Capital Ave. N.E., Battle Creek
Kinde, Mrs. Matthew R...R.R. #3, Box 62, Battle Creek
Kingsley, Mrs. Paul C...29 Woodmer Lane, Battle Creek
Klopp, Mrs. Edward J.....535 Capital Ave. N.E., Battle Creek
LaFrance, Mrs. N. F.....Vets. Adm. Hosp., Battle Creek
Lam, Mrs. Francis L.....151 Sunnyside Dr., Battle Creek
Lancaster, Mrs. Vance B.....251 Chestnut, Battle Creek
Levy, Mrs. Joseph.....343 N. Orchard Pl., Battle Creek
Lowe, Mrs. Stanley.....12 Hiawatha Dr., Battle Creek
Lund, Mrs. Chester A. E.....33 Fremont St., Battle Creek
McCuaig, Mrs. Alfred G.....145 Pleasant River Dr., Battle Creek
Meiges, Mrs. Frederick J.....314 N. Orchard Pl., Battle Creek
Morrison, Mrs. Donald B.....25 Crest Dr., Battle Creek
Mullenmeister, Mrs. Hugh F.....275 Capital Ave. N.E., Battle Creek
Orr, Mrs. Eli H.....121 N. 19th St., Battle Creek
Parkinson, Mrs. Charles E.....R.R. #3, Box 605, Battle Creek
Patrick, Mrs. Gilbert T...16 Hiawatha Dr., Battle Creek
Pearson, Mrs. Donald J.....32 Hiawatha Dr., Battle Creek
Power, Mrs. John R.....231 Fremont St., Battle Creek
Robbert, Mrs. John.....164 Francis Dr., Battle Creek
Rosenfeld, Mrs. Joseph E.....115 Laurel Dr., Battle Creek
Royer, Mrs. Clark W.....125 Sunnyside Dr., Battle Creek
Ryan, Mrs. Charles J.....540 Country Club Dr., Battle Creek
Schwarz, Mrs. Frank W.....31 Orchard Pl., Battle Creek
Shellenberger, Mrs. Herbert M.....131 W. Hanover, Marshall
Shipp, Mrs. Leland F.....611 Jennings Landing, Battle Creek
Simpson, Mrs. Robert S.....135 Shadywood Lane, Battle Creek
Slagle, Mrs. George W.....1702 Capital Ave., S.W., Battle Creek
Sleight, Mrs. James E.....R.R. #3, Box 65, Battle Creek
Sleight, Mrs. R. D.....108 Frelinghuysen, Battle Creek
Smith, Mrs. Joseph S.....Vets. Adm. Hosp., Battle Creek
Stadle, Mrs. Wendell H.....607 Jennings Landing, Battle Creek
Stephenson, Mrs. C. Douglas.....121 Laurel Dr., Battle Creek
Stiefel, Mrs. Richard A.....260 WahWahTaySee Way, Battle Creek
Tazelaar, Mrs. Myron A.....601 Hill Rd., Marshall
VanCamp, Mrs. Elijah.....16 Everett, Battle Creek
Verity, Mrs. Lloyd E.....36 Parkside Dr., Battle Creek
Walters, Mrs. John F.....265 Sherman Rd., Battle Creek
Walters, Mrs. Wm. D.....70 Lynwood Dr., Battle Creek
Wemmer, Mrs. Keith S.....94 Barney Blvd., Battle Creek
Wencke, Mrs. Carl G.....127 Park Place, Battle Creek
Winslow, Mrs. Sherwood B.....20 Hiawatha Dr., Battle Creek
Worgess, Mrs. Duane R.....R.R. #1, Box 270x, Battle Creek
Yannitelli, Mrs. S. A.....28 Woodmer Lane, Battle Creek
Zaplitny, Mrs. Roman B...34 Ardmoor Dr., Battle Creek
Zheutlin, Mrs. Bertram.....164 W. Hamilton Lane, Battle Creek
Zindler, Mrs. George A.....R.R. #3, Box A 75, Bellvue

CHIPPEWA-MACKINAC COUNTIES

Allott, Mrs. Hugh R...607 Sheridan Dr., Sault Ste. Marie
Blain, Mrs. James G.....130 Park Place, Sault Ste. Marie
Blair, Mrs. H. Milton.....611 Summitt, Sault Ste. Marie
Cantwell, Mrs. Earl E.....330 Carrie St., Sault Ste. Marie
Clausen, Mrs. Claire H...310 Lakeshore, Sault Ste. Marie
Doyle, Mrs. .....Hessel
Finlayson, Mrs. Donald D.....903 Prospect, Sault Ste. Marie
Hamel, Mrs. Herbert.....120 Keightley, St. Ignace
Howe, Mrs. Donald C...3218 Lakeshore, Sault Ste. Marie
Mackie, Mrs. T. B..... Mission Rd., Sault Ste. Marie
Mertaugh, Mrs. Wm. F...408 Cedar St., Sault Ste. Marie
Montgomery, Mrs. Benj. T.....U. S. 2, Sault Ste. Marie
Rhind, Mrs. Earl S.....Riverside Dr., Sault Ste. Marie
Scott, Mrs. D. F.....506 Ravine St., Sault Ste. Marie
Trapasso, Mrs. Tony J.....Mission Rd., Sault Ste. Marie
Wallen, Mrs. LeRoy J...410 Dawson St., Sault Ste. Marie
Venier, Mrs. Anton G.....1021 Parnell, Sault Ste. Marie
Yale, Mrs. I. V.....408 Carrie St., Sault Ste. Marie

CLINTON COUNTY

Geib, Mrs. O. F.....Carson City
Grost, Mrs. James.....110 S. Oakland, St. Johns
Henthorn, Mrs. A. C.....1058 Ottawa, St. Johns
McWilliams, Mrs. Wm. B.....210 S. Maple, Maple Rapids
Russell, Mrs. Sherwood.....104 N. Oakland, St. Johns
Scott, Mrs. James S.....1281 Webb Rd., DeWitt
Slagh, Mrs. E. M.....217 S. Ovid, Elsie
Smith, Mrs. F. W.....205 W. State, St. Johns
Stephenson, Mrs. W. F.....501 E. Walker, St. Johns
Stoller, Mrs. P. F..... St. Johns S.E.

DIRECTORY OF MSMS WOMAN'S AUXILIARY

DELTA-SCHOOLCRAFT COUNTIES

Anderson, Mrs. Francis.....1012 S. 11th, Escanaba
Boyce, Mrs. Donald.....1401 1st Ave. S., Escanaba
Dehlin, Mrs. James R.....1225 Minnesota, Gladstone
Frenn, Mrs. Mae.....1701 10th Ave. S., Escanaba
Groos, Mrs. Louis.....825 Lakeshore Dr., Escanaba
Hult, Mrs. Otto.....621 Wisconsin, Gladstone
Jenke, Mrs. Albert.....738 Lakeshore Dr., Escanaba
LeMire, Mrs. Donald.....1811 Lakeshore Drive, Escanaba
LeMire, Mrs. Wm.....318 Lakeshore Dr., Escanaba
Lindquist, Mrs. Norman.....1815 Lakeshore, Escanaba
Maniaci, Mrs. George.....1224 Wisconsin, Gladstone
McInerney, Mrs. Thomas.....1616 16th Ave. S., Escanaba
Nagy, Mrs. Charles.....Box 108, Bark River
Olson, Mrs. Carl.....619 Minneapolis, Gladstone
Ryde, Mrs. Robt.....750 Lake Shore Dr., Escanaba
Walsh, Mrs. Mary.....800 Lake Shore Dr., Escanaba
Waters, Mrs. Duane.....358 Lake, Manistique
Wehner, Mrs. Merle.....101 Lake, Manistique
Whipple, Mrs. Arno.....315 Ogden, Escanaba

DICKINSON-IRON COUNTIES

Addison, Mrs. Earl.....601 State St., Crystal Falls
Alexander, Mrs. W. H.....431 East C St., Iron Mountain
Anderson, Mrs. D. T.....408 Hamilton, Kingsford
Carlson, Mrs. Ralph.....615 East C St., Iron Mountain
Cecconi, Mrs. R. D.....520 West D, Iron Mountain
Cooper, Mrs. C. A.....407 3rd, Stambaugh
Dittrich, Mrs. R. J.....732 Hamilton, Iron Mountain
Gladstone, Mrs. Wm.....Norway
Huron, Mrs. W. H.....215 West E St., Iron Mountain
Irvine, Mrs. L. E.....326 Genesee, Iron River
Jacobs, Mrs. Donald.....1028 W. Huggitt, Iron Mountain
MacEacheran, Mrs. H. D.....401 East C St., Iron Mountain
Palm, Mrs. E. T.....412 Superior, Crystal Falls
Retallick, Mrs. R. C.....621 W. Genesee, Iron River
Schmutzler, Mrs. Walter.....625 Wilson, Kingsford
Schroeder, Mrs. John....1111 Stockbridge, Iron Mountain
Smith, Mrs. D. R.....817 W. Brown, Iron Mountain

EATON COUNTY

Arner, Mrs. Fred L.....703 W. Capitol, Bellevue
Brown, Mrs. B. Philip.....337 S. Cochran, Charlotte
Carothers, Mrs. Daniel.....243 S. Sheldon, Charlotte
Cook, Mrs. J. Max.....404 W. Harris, Charlotte
DeLand, Mrs. C. LeRoy.....8333 Hall Rd., Bellevue
Hannah, Mrs. Harry W.....Clinton Trail, Charlotte
Landick, Mrs. Robt.....1484 N. Cochran, Charlotte
Matthews, Mrs. Roy W., Jr.....W. Foote St., Charlotte
Meinke, Mrs. Albert H.....229 Holmes St., Eaton Rapids
Myers, Mrs. A. W.....229 Potterville Rd., Potterville
Riley, Mrs. Joseph.....815 N. Sheldon, Charlotte
Severener, Mrs. Lester G.....608 W. Stoddard, Charlotte
Sherman, Mrs. Eber B.....612 State St., Eaton Rapids
VanArk, Mrs. Bert.....511 Hale St., Eaton Rapids
VanArk, Mrs. Herman.....410 Blake, Eaton Rapids
Willits, Mrs. C. O.....127 Upland, Charlotte

GENESEE COUNTY

Adams, Mrs. Burnell H.....609 S. Lynch, Flint
Adams, Mrs. Chester H.....610 Grand Blanc Rd., Grand Blanc
Anderson, Mrs. Harley H.....8212 N. Jennings Rd., Mt. Morris
Anderson, Mrs. John L.....6227 River Rd., Flushing
Anderson, Mrs. Robt. E.....4115 Greenbrook Lane, Flint
Andrews, Mrs. Nelson A.....310 E. Main, Flushing
Anthony, Mrs. George E.....912 Beard St., Flint
Backus, Mrs. Glenn R.....3131 Westwood Pkwy., Flint
Baird, Mrs. Winston C.....1818 Ramsey, Flint
Bald, Mrs. Frederick W.....1502 Linwood, Flint
Barbour, Mrs. Fleming A.....2015 Lincoln Dr., Flint
Baske, Mrs. Franklin W.....923 Maxine, Flint
Batdorf, Mrs. John W.....1925 Park Forest Dr., Flint
Batdorf, Mrs. Joseph..6068 West View Dr., Grand Blanc
Bateman, Mrs. Lawrence G.....1708 E. Second St., Flint
Beck, Mrs. Douglas R.....1450 Country View Lane, Flint
Beckner, Mrs. Eugene B.....2214 Adams Ave., Flint
Benkert, Mrs. Jack E.....6211 Lake Forest Dr., Grand Blanc
Benson, Mrs. John C.....1410 E. Court St., Flint
Berman, Mrs. Harry.....927 Beard, Flint
Bernstein, Mrs. Eli N.....1809 Windsor Lane, Flint
Best, Mrs. John A.....3712 Brownell Blvd., Flint
Beyer, Mrs. George D.....3329 Elmwood, Flint
Bird, Mrs. Wm. G.....133 Odette, Flint
Bishop, Mrs. Donald L.....1024 Woodside Dr., Flint
Bogart, Mrs. Leon R.....1125 South Dr., Flint
Boles, Mrs. Wm. P.....2946 Circle Dr., Flint
Branch, Mrs. Hira E.....1014 Woodside, Flint
Bryant, Mrs. Donald R.....3109 Mallery, Flint
Buchanan, Mrs. Gerald.....3258 M-87, Holly
Buchanan, Mrs. Wm. F.....902 S. LeRoy, Fenton
Chambers, Mrs. Myrton S...3402 Westwood Pkwy., Flint
Charters, Mrs. John.....11089 Fenton Rd., Fenton
Chase, Mrs. Wm. D.....1318 N. Ballenger Hwy., Flint
Clark, Mrs. Robt. L.....1022 Kensington, Flint
Collins, Mrs. James I.....G-1128 N. Dye Rd., Flint
Colwell, Mrs. Clifford W.....2011 Briar Hill, Flint
Conover, Mrs. George V.....G-1152 Dye Rd., Flint
Conover, Mrs. McClellan B.....1209 Kensington, Flint
Conover, Mrs. Thaddus S.....2112 Radcliffe, Flint
Coriasso, Mrs. Louis B.....614 Odette, Flint
Coyne, Mrs. Kenneth M.....2721 Clement, Flint
Credille, Mrs. Barney A.....2020 E. Second St., Flint
Curry, Mrs. George J.....3021 Westwood Pkwy., Flint
Curtin, Mrs. John H.....915 E. Court St., Flint
Cutler, Mrs. Garnet C.....3130 Concord, Flint
Davis, Mrs. Robt. C.....407 Fremont, Flint
Dawson, Mrs. Ralph E.....1617 Linwood, Flint
Day, Mrs. John M.....810 S. Ballenger, Apt. 26, Flint
DelZingro, Mrs. Nicholas.....328 N. Main, Davison
Dickstein, Mrs. Bernard....1110 Hamilton Ave. W., Flint
Dimond, Mrs. Edwin.....5046 McCandlish Rd., Grand Blanc
Dodds, Mrs. Max.....1718 Kenwood, Flint
Dooley, Mrs. James.....2019 Gold Ave., Flint
Dorsey, Mrs. Philip W.....1334 W. Dye Rd., Flint
Drewyer, Mrs. Glenn E.....5237 W. Reid Rd., Swartz Creek
Dykewicz, Mrs. Richard A.....3221 Clement, Flint
Eaton, Mrs. Wayne L.....1703 Crescent Dr., Flint
Eichhorn, Mrs. Ernest M.....1301 Riverdale Dr., Flint

Eickhorst, Mrs. Thomas N.....2562 Nolen Dr., Flint
Elliot, Mrs. Hardie B.....2380 Nolen Dr., Flint
Engelman, Mrs. Raymond M.....3810 Sherwood, Flint
Ettinger, Mrs. Ralph D.....409 East St., Fenton
Fan, Mrs. Quincy C.....2526 Mountain, Flint
Farah, Mrs. Ben S.....342 Bradley, Apt. 142 B, Flint
Farhat, Mrs. Maynard M.....1901 Hampden Rd., Flint
Fee, Mrs. Manson G.....1002 Maxine, Flint
Finkelstein, Mrs. Theodore.....401 Lafayette, Flint
Flynn, Mrs. Southard T.....2354 Nolen Dr., Flint
Forrer, Mrs. Graydon R.....408 Balsam Dr., Davison
Gelenger, Mrs. Stephen M.....2125 Detroit St., Flint
Gleason, Mrs. Notery A.....1309 Blanchard, Flint
Golden, Mrs. H. Maxwell.....1511 Woodcroft St., Flint
Gorne, Mrs. Saul S.....1009 Woodside Dr., Flint
Grady, Mrs. Donald R.....1515 Woodslea, Flint
Griffin, Mrs. Ernest P.....1505 Arrow Lane, Flint
Grover, Mrs. Harold F.....3509 Norwood Dr., Flint
Guile, Mrs. Gurdon S.....1621 Dupont, Flint
Gumpper, Mrs. C. R.....1917 Park Forest, Flint
Gutow, Mrs. Isadore H.....3020 Westwood Pkwy., Flint
Gutow, Mrs. Julius J.....3759 Sunset Dr., Flint
Guyon, Mrs. Joseph F.....G-1387 Cass Ave., Flint
Hackley, Mrs. Richard D.....422 Grace St., Flint
Hague, Mrs. Robt. F.....8231 River Rd., Flint
Harper, Mrs. Alexander W.....712 Thomson, Flint
Harper, Mrs. Robt. H.....713 Thomson, Flint
Hauser, Mrs. Frederick V.....1027 Manning Ct., Flint
Hawkins, Mrs. James E.....1914 Chelan, Flint
Hennessy, Mrs. Charles R.....1920 Hampden Rd., Flint
Hill, Mrs. Wm. T.....7212 Flushing Rd., Flushing
Hiscock, Mrs. Harold H.....2021 Briar Hill, Flint
Hockman, Mrs. Thomas A.....1513 Winona, Flint
Hodges, Mrs. Frank V.....2118 Castle Lane, Flint
Hooper, Mrs. Kendall.....3460 Hawthorne Dr., Flint
Hubbard, Mrs. Wm. B.....1205 Maxine, Flint
Hufton, Mrs. Wilfred L.....2546 Nolen Dr., Flint
Hurd, Mrs. Clayton.....300 Robert St., Fenton
Irish, Mrs. Lawrence R.....2733 Crestwood, Flint
James, Mrs. Robt. E.....1860 Hampden Rd., Flint
Jermstad, Mrs. Robt.....2121 Glendale, Flint
Johnson, Mrs. Frank D.....235 Hamilton Ave., Flint
Johnson, Mrs. Raymond E.....5173 W. Reid Rd., Swartz Creek
Judd, Mrs. Alvin E.....2912 Circle Dr., Flint
Kaufman, Mrs. Lewis D.....1617 Neome Dr., Flint
Kimbrough, Mrs. Clarence B.....1402 S. Saginaw, Flint
Kitto, Mrs. Harold J.....902 Stockdale, Flint
Knapp, Mrs. Donald D.....712 Mann, Flint
Knapp, Mrs. Wm. D.....1138 Woodside, Flint
Kretchmar, Mrs. Arthur H.....G-1135 N. Dye Rd., Flint
Kurtz, Mrs. John J.....G-2391 W. Reid Rd., Flint
Leach, Mrs. Jesse L.....1838 Owen, Flint
LeMieux, Mrs. Leslie L.....2749 Thomas, Flint
Lewis, Mrs. Thomas.....1031 Pawnee, Flint
Limbach, Mrs. David R.....1801 Chelsea Circle, Flint
Lindman, Mrs. Thomas C.....508 Fremont, Flint
Livesay, Mrs. Jackson E.....702 Blanchard Ave., Flint
Lundeen, Mrs. Richard M.....3046 Canterberry, Flint
Lusk, Mrs. John.....10114 Hagel Rd., Goodrich
Lyttle, Mrs. Sidney N.....3401 Concord, Flint
MacGregor, Mrs. Delbert M.....3315 Helber, Flint
MacKenzie, Mrs. John W.....5397 Miller Rd., Flint
Macksood, Mrs. Joseph A.....3340 Parkside Dr., Flint
Mangelsdorf, Mrs. Carl H.....4122 Brownell, Flint
Markunas, Mrs. Paul J.....5637 Leslie Ct., Flint
Marshall, Mrs. Wm.....Stall Rd., P.O. Box 885, Olympia, Wash.
Martin, Mrs. James A.....822 S. LeRoy, Fenton
Mathias, Mrs. Berton J.....1439 Autumn Dr., Flint
McLeod, Mrs. Kenneth W.....1001 Welch Blvd., Flint
McMurray, Mrs. Richard J.....3018 Begole, Flint
McTaggart, Mrs. David.....926 Beard, Flint
Mendrek, Mrs. Henry.....3224 Concord, Flint
Michael, Mrs. Sidney R.....922 Welch Blvd., Flint
Michels, Mrs. Robt. M.....409 N. McKinley Rd., Flushing
Michelson, Mrs. Richard B.....510 Kensington, Flint
Miltich, Mrs. Anthony J.....2222 Colfax, Flint
Miner, Mrs. Frederick B.....1000 E. Seventh, Flint
Moore, Mrs. Glenn.....1505 Durand, Flint
Moore, Mrs. Kenneth B.....2224 Pierce, Flint
Moore, Mrs. Wesley P.....1519 Lapeer, Flint
Morrison, Mrs. Wm. H.....1302 E. Court, Flint
Morrissey, Mrs. Vaughn H.....101 Stockdale, Flint
Mosier, Mrs. Edward C.....1730 Overhill, Flint
Murphy, Mrs. E. Grant.....1825 Chelsea Circle, Flint
Neiswander, Mrs. Paul L.....2362 Nolen Dr., Flint
Nicholls, Mrs. Wm. W.....3918 Seneca, Flint
Nitz, Mrs. Donald.....11492 Sunset Dr., Flint
Odle, Mrs. Ira D.....201 Welch Blvd., Flint
Orr, Mrs. Walter J.....13396 Enid Blvd., Flint
Osher, Mrs. Seymour L.....2113 E. Second, Flint
Parliament, Mrs. Burt A.....314 Ferndale, Flint
Paul, Mrs. Joseph E.....1650 Miller Rd., Flint
Phelps, Mrs. Lynn.....1022 Janaroy Ct., Goodrich
Phillips, Mrs. Robt. W.....2613 Thomas, Flint
Pickering, Mrs. Woodrow H.....1602 N. Ballenger, Flint
Polish, Mrs. John J.....2119 Radcliffe, Flint
Portney, Mrs. Jack E.....2509 E. Court, Flint
Pougnet, Mrs. Wm. D.....3205 Cranbrook Circle, Flint
Preston, Mrs. Otto J.....1315 Maxine, Flint
Prior, Mrs. Edward W.....707 Park St., Fenton
Purcell, Mrs. Francis L....6273 Westview Dr., Grand Blanc
Quinn, Mrs. John, Jr.....417 Greenfield, Flint
Rapport, Mrs. Richard L.....2306 Miller Rd., Flint
Rawling, Mrs. John C.....1201 Woodham Park Dr., Flint
Rawlings, Mrs. Mott.....1601 Neome Dr., Flint
Reid, Mrs. John H.....627 Campbell, Flint
Richeson, Mrs. Vern N.....702 W. Hamilton, Flint
Reith, Mrs. George F.....G-6452 Davison Rd., Davison
Rowe, Mrs. John B.....1005 Maxine, Flint
Rulney, Mrs. Max.....323 Ferndale Place, Flint
Rundles, Mrs. Walter Z., Jr.....607 Roome Ct., Flint
Rundles, Mrs. Walter Z., Sr.....G-6573 Flushing Rd., Flushing
Sandberg, Mrs. Russell G.....2030 Pierce, Flint
Scavarda, Mrs. Charles J.....2101 E. Court, Flint
Schiff, Mrs. Benton A.....3040 Parkside Dr., Flint
Schmidlin, Mrs. Robt. W.....4005 Greenbrook Lane, Flint
Schroeder, Mrs. Paul.....1422 Woodhale Dr., Flint
Schultz, Mrs. John S.....1397 Sun Terrace Dr., Flint
Schwartz, Mrs. John M.....2920 Dupont, Flint
Schwarz, Mrs. Heinz.....1222 Vincent, Flint
Seven, Mrs. Philip G.....2301 Cummings, Flint
Shantz, Mrs. Leighton O...1497 Country View La., Flint
Sheeran, Mrs. Daniel H.....610 S. Vernon, Flint
Sherwood, Mrs. Fredrick A...1814 Rockcreek Lane, Flint
Shipman, Mrs. Charles W.....602 Kensington, Flint
Simoni, Mrs. Lewis E.....702 Kensington, Flint
Sirna, Mrs. Anthony R.....2709 Thomas, Flint
Smith, Mrs. Eugene C.....916 Woodside Park Lane, Flint
Smith, Mrs. Harold O.....1952 Miller Rd., Flint
Smith, Mrs. Maurice J.....1521 Cromwell, Flint
Sniderman, Mrs. Benj. F.....3738 Norwood Dr., Flint
Sorkin, Mrs. Morris L.....4001 Greenbrook, Flint
Sorkin, Mrs. Samuel S.....1919 Miller Rd., Flint
Sparks, Mrs. Harvey V.....G-5614 Sugarbush Lane, Flint
Steffe, Mrs. Ralph S.....1618 Linwood, Flint
Steinman, Mrs. Floyd H.....2418 Nolen Dr., Flint
Stevens, Mrs. Philip K.....468 Commonwealth Ave., Flint
Stevenson, Mrs. Wm. W.....1521 Arrow Lane, Flint
Stroup, Mrs. Clayton K.....G-5208 E. Court, Flint
Sullivan, Mrs. McDermott R.....1510 Forest Hill, Flint
Thompson, Mrs. Alvin.....1601 Cromwell, Flint
Thompson, Mrs. Charles A.....4034 Donnelly, Flint
Thompson, Mrs. Jack W.....3525 Hawthorne Dr., Flint
Tuuri, Mrs. Arthur L.....1707 Greenway, Flint
VanHarn, Mrs. Raymond S.....104 Welch Blvd., Flint
Varney, Mrs. Howard L.....1309 Dye Crest Circle, Flint
Vary, Mrs. Edward P.....2472 Nolen Dr., Flint
Vaughn, Mrs. Edgar J.....628 Riverside Dr., Linden
Wade, Mrs. Franklin V.....3420 Clement, Flint
Ware, Mrs. Frank A.....902 Woodside Dr., Flint
Wark, Mrs. David R.....1315 Detroit, Flint
Weber, Mrs. Robt. M.....2602 N. Stevenson, Flint

Webster, Mrs. Robt. M.....1915 Penbrook Lane, Flint
Wentworth, Mrs. John E.....1651 Chevrolet Ave., Flint
Wheeler, Mrs. J. D.....2470 Nolen Dr., Flint
Williams, Mrs. Wm. S.....5216 S. Genesee Rd., Grand Blanc
Willoughby, Mrs. Gordon L.....2960 Mallery, Flint
Willoughby, Mrs. Leslie L.....1127 S. Water St., Marine City
Wills, Mrs. Thomas N...G-1360 N. Packard Rd., Davison
Winchester, Mrs. Walter H.....801 E. Ninth, Flint
Woughter, Mrs. Harold W.....3440 Hawthorne, Flint
Wright, Mrs. Donald R.....403 W. Court, Flint

GOGEBIC-ONTONAGON COUNTIES

Benetti, Mrs. Arthur F.....409 Pierce, Wakefield
Davidson, Mrs. Donald L.....Ramsey
Franck, Mrs. J. R.....525 Harrison St., Wakefield
Gingrich, Mrs. Wayne A.....Lake Rd., Ironwood
Gorrilla, Mrs. A. C.....516 N. Lawrence, Ironwood
Harrington, Mrs. Rex R.....104 E. Ridge St., Ironwood
Hogue, Mrs. Harold.....Ewen
Keskey, Mrs. Theodore.....205 W. Coolidge, Ironwood
Murphy, Mrs. Percy.....Ridge, Ironwood
Santini, Mrs. Florian J.....615 N. Lowell St., Ironwood
Wacek, Mrs. William H.....809 Sunset Rd., Ironwood

GRAND TRAVERSE-LEELANAU-BENZIE-KALKASKA COUNTIES

Beall, Mrs. John G...R.F.D. #2, Box 723, Traverse City
Behan, Mrs. Gerald W.....P.O. Box 390, Traverse City
Benjamin, Mrs. Mac.....619 N. Elmwood Ave., Traverse City
Brownson, Mrs. Jay J.....Kingsley
Brownson, Mrs. Kneale.....1140 Peninsula Dr., Traverse City
Brunk, Mrs.....R.R. #1, Traverse City
Bushong, Mrs. B. B.....534 Washington, Traverse City
Cajigas, Mrs. Thomas.....101 19th St., Traverse City
Clark, Mrs. Charles D...6874 Peninsula Dr., Traverse City
Cline, Mrs. Theodore N.....U. S. 31 South, Traverse City
Cline, Mrs. Warren.....1629 S. High St., Traverse City
Dundon, Mrs. Arthur.....Box C, Traverse City
Edmonds, Mrs. Wm. T.....R.R. #1, Williamsburg
Ellis, Mrs. Claude I.....Suttons Bay
Ferguson, Mrs. J. T.....Box C, Traverse City
Fiebing, Mrs. Jack.....1109 Bay St., Traverse City
Fishbeck, Mrs. Wm. A.....622 Washington, Traverse City
Gallagher, Mrs. Wm.....Box C, Traverse City
Haberlein, Mrs. Chas.....701 Monroe Ave., Traverse City
Hall, Mrs. James W.....1431 Peninsula Dr., Traverse City
Hamilton, Mrs. Earl E...627 Ahgosa Trail, Traverse City
Hubbell, Mrs. R. J.....Lee Point Rd., R.R. #2, Suttons Bay
Huene, Mrs. Nevin.....508 State St., Traverse City
Jerome, Mrs. J. T.....609 Sixth St., Traverse City
Kitti, Mrs. Wm.....Box 186, Kalkaska
Kyselka, Mrs. Harry..East Long Lake Rd., Traverse City
Lawton, Mrs. F. L.....540 W. Seventh, Traverse City
Lieding, Mrs. Keith.....7844 Peninsula Dr., Traverse City
Lossman, Mrs. Robt.....R.R. #2, 475 Deepwater Pte., Williamsburg
Magill, Mrs. Albert.....Box C, Traverse City
McClay, Mrs. Adam C.....6330 Peninsula, Traverse City
Michaels, Mrs. Stanley L.....503 Ottawa, Elk Rapids
Milliken, Mrs. John....1435 Peninsula Dr., Traverse City
Nickels, Mrs. M. N.....R.R. #4, Box 121, Traverse City
Osterlin, Mrs. Mark F.....6223 Peninsula Dr., Traverse City
Otto, Mrs. Donald L.....225 Center Lane, Traverse City
Peterson, Mrs. Wm.....228 Huron St., Traverse City
Pike, Mrs. G. Donald.....612 Woodland, Traverse City
Power, Mrs. Frank.....521 Sixth St., Traverse City
Ramzy, Mrs. Carl.....Box C, Traverse City
Salon, Mrs. Dayton D.....216 S. Elmwood Ave., Traverse City
Scott, Mrs. John E.....536 Washington, Traverse City
Sommerness, Mrs. Martin D.....Box C, Traverse City
Sorum, Mrs. F. T.....Box C, Traverse City
Spencer, Mrs. John.....710 Birchwood, Traverse City
Steele, Mrs. Wm.....2017 E. Front St., Traverse City
Steffey, Mrs. Joseph C...1714 Apache Pass, Traverse City
Stokes, Mrs. G. Edward.....425 Sixth St., Traverse City
Swartz, Mrs. F. G.....612 Sixth St., Traverse City
Sweeny, Mrs. Bernard.....R.R. #1, Williamsburg
Thirlby, Mrs. E. L.....520 Sixth St., Traverse City
Thirlby, Mrs. Richard.....1315 Wayne St., Traverse City
Wagner, Mrs. Creighton..1802 E. Front St., Traverse City
Weih, Mrs. Jack.....5271 U. S. 31 North, Traverse City
Weitz, Mrs. Harry.....529 Monroe St., Traverse City
Wiley, Mrs. Phil.....Silver Pine Rd., Traverse City
Wilcox, Mrs. Paul.....526 W. 10th St., Traverse City
Wilson, Mrs. F.....332 W. 10th St., Traverse City
Wright, Mrs. Johnson K.....727 E. Orchard Dr., Traverse City
Young, Mrs. John.....Box C, Traverse City
Zielke, Mrs. Irwin H.....515 N. Elmwood Ave., Traverse City
Zimmerman, Mrs. J. C.....606 N. Elmwood, Traverse City

GRATIOT-ISABELLA-CLARE COUNTIES

Bedo, Mrs. A. V.....802 Gordon, Mt. Pleasant
Bergin, Mrs. J. H.....604 Woodworth, Alma
Chamberlain, Mrs. R. W...608 E. Chippewa, Mt. Pleasant
Chamichian, Mrs. S. L.....117 S. College, Mt. Pleasant
Davis, Mrs. L. L.....314½ S. Brown, Mt. Pleasant
Hammerburg, Mrs. K. H.....622 McEwan, Clare
Hedges, Mrs. F. W.....General Delivery, Edmore
Hoogerland, Mrs. C. L.....514 Iowa, Alma
Johnson, Mrs. Frank.....412 E. Broadway, Mt. Pleasant
Johnson, Mrs. P. R.....206 S. College, Mt. Pleasant
Juhnke, Mrs. L. W.....1050 E. Maple, Mt. Pleasant
Meyer, Mrs. Edwin G.....780 Argyle, Alma
Oldham, Mrs. E. S.....403 E. Saginaw, Breckenridge
Ringer, Mrs. P. H.....1007 Watson, Mt. Pleasant
Rottschafer, Mrs. J. L.....3580 N. Lawn, Alma
Silvert, Mrs. P. P.....Vestaburg
Veldhuis, Mrs. A. H.....417 S. College, Alma
Wood, Mrs. John M.....815 E. Maple St., Mt. Pleasant

HOUGHTON-KEWEENAW-BARAGA COUNTIES

Aldrich, Mrs. Addison B.....325 Harris, Hancock
Aldrich, Mrs. A. D.....U. S. 41, Chassell
Aldrich, Mrs. Leonard C.....1609 E. Houghton Ave., Houghton
Bourland, Mrs. Philip D.....134½ Calumet, Calumet
Burke, Mrs. John J.....1001 Calumet, Lake Linden
Hillmer, Mrs. Raymond E.....6 Algomah St., Painesdale
Hosking, Mrs. Frederick S.....328 Florida, Laurium
Janis, Mrs. Anton J.....200 East St., Hancock
Kolb, Mrs. Frederick E.....128 Calumet, Calumet
LaBine, Mrs. Alfred.....1019 College Ave., Houghton
Lepisto, Mrs. Victor E.....519 Lake Linden, Laurium
Levin, Mrs. Simon.....1209 College Ave., Houghton
Manthei, Mrs. Willard.....Carpenter Apts., Lake Linden
Meier, Mrs. Maurice D.....1033 Mine St., Calumet
Nolan, Mrs. Lewis E.....108 Center St., Hancock
Repola, Mrs. Kenneth L.....339 Pewabic, Laurium
Roche, Mrs. Andrew M.....240 Pewabic, Laurium
Rowe, Mrs. Kenneth.....117 Calumet, Calumet
Rupprecht, Mrs. C. H.....117 5th St., Calumet
Sandell, Mrs. Samuel T.....210 Center St., Hancock
Sloan, Mrs. Paul S.....214 Clark, Houghton
Smith, Mrs. Charles R.....E. White St., Hancock
Wickliffe, Mrs. T. P.....1167 Calumet, Calumet
Williams, Mrs. Marshall S.....1412 E. Houghton Ave., Houghton
Winkler, Mrs. Henry J.....L'Anse

HURON COUNTY

Dixon, Mrs. Ralph C.....Pigeon
Elliot, Mrs. C. S.....Pigeon
Gettel, Mrs. Roy R.....634 W. Huron St., Bad Axe
Herrington, Mrs. C. C.....203 N. Port Crescent, Bad Axe
Herrington, Mrs. Willet....219 N. Port Crescent, Bad Axe
Oakes, Mrs. C. W.....Harbor Beach
Ritsema, Mrs. John.....Sebewaing
Schuerer, Mrs. Clare A.....Pigeon
Sorenson, Mrs. Maurice.....Elkton
Steinhardt, Mrs. E. E.....403 Western Ave., Bad Axe
Thompson, Mrs. J. R.....Caseville
Turner, Mrs. P. R.....Harbor Beach
Wible, Mrs. C. F.....Sebewaing
Willits, Mrs. Robt. A.....165 N. Main St., Elkton

INGHAM COUNTY

Agate, Mrs. G. H.....1109 South Lawn, East Lansing
Aiken, Mrs. Donald J.....2250 Seminole Dr., Okemos
Alexander, Mrs. Reuben G.....Laingsburg
Altland, Mrs. John K.....R.R. #3, W. Mt. Hope Rd., Lansing
Asselin, Mrs. David C.....1001 Glenhaven, East Lansing
Badgley, Mrs. Waldo O...3249 Waverly Hills Rd., Lansing
Baker, Mrs. Thomas.....1720 Windsor Pl., Lansing
Bassett, Mrs. Robt. C.....740 Edgemont Dr., Lansing
Bauer, Mrs. Theodore I.....839 Wildwood Dr., East Lansing
Berens, Mrs. Burdette.....1434 Bassett, Lansing
Bergeon, Mrs. Milton C.....302 S. Steele, Mason
Bevez, Mrs. Frank L.....3209 S. Cambridge Rd., Lansing
Bingham, Mrs. B. Wayne.....1123 N. Hayford, Lansing
Bleil, Mrs. Eugene.....603 N. Harrison, East Lansing
Bradford, Mrs. Carl W.....832 Westlawn, East Lansing
Breakey, Mrs. Robt.....520 Westmoreland, Lansing
Briggs, Mrs. James A.....2101 Hamilton, Holt
Brown, Mrs. Fred W.....706 Britten, Lansing
Brown, Mrs. Joseph C.....218 Walnut Cir., Mason
Brubaker, Mrs. Earl W.....444 S. Verlinden, Lansing
Brucker, Mrs. K. B.....610 S. Walnut, Lansing
Burhans, Mrs. Robt. A.....973 Rosewood, East Lansing
Cairns, Mrs. Donald A.....300 S. Washington, Mason
Cameron, Mrs. W. J.....920 N. Capitol, Lansing
Carlson, Mrs. Ralph.....2710 Northwest Ave., Lansing
Carr, Mrs. E. I.....1915 Moores River Dr., Lansing
Caruso, Mrs. Joseph A.....1818 Linden, East Lansing
Casey, Mrs. Byron L.....337 Chesterfield Pkwy., East Lansing
Cheney, Mrs. Wm. D.....R.R. #2, 4530 Ethel St., Lansing
Christian, Mrs. L. G.....400 Everett, Lansing
Cipparone, Mrs. Joseph R.....2509 Boston Blvd., Lansing
Clark, Mrs. Gaius D.....1651 Sunnyside, Lansing
Clark, Mrs. Wm. E.....809 E. Ash St., Mason
Clinton, Mrs. G. R.....618 S. Jefferson, Mason
Combs, Mrs. Robt.....403 Butterfield, East Lansing
Cook, Mrs. R. J.....105 S. Jenison, Lansing
Comstock, Mrs. Howard.....724 Walbridge Dr., East Lansing
Cope, Mrs. H. E.....605 Westmoreland, Lansing
Cordes, Mrs. Jerome.....2289 Shawnee Trail, Okemos
Cowan, Mrs. John.....825 Touraine, East Lansing
Cushman, Mrs. Frank.....408 N. Sycamore, Lansing
Darling, Mrs. L. H.....431 Verlinden, Lansing
Davenport, Mrs. C. S.....219 N. Logan, Lansing
Dawe, Mrs. Charles D.....935 Rosewood, East Lansing
Dean, Mrs. Carlton.....152 Maplewood Dr., East Lansing
DeVries, Mrs. C. F.....Delta River Dr., R.R. #1, Lansing
Drolett, Mrs. Donald.....2408 Arlington Rd., Lansing
Drolett, Mrs. Fred.....1623 Inverness, Lansing
Drolett, Mrs. Lawrence A.....228 S. Jenison, Lansing
Dunkel, Mrs. John F.....4294 Oakwood Dr., Okemos
Dunn, Mrs. F. M.....507 Woodland Pass, East Lansing
Feeney, Mrs. Kenneth J.....522 Durant, Lansing
Feurig, Mrs. James S.....321 Kensington Rd., East Lansing
Finch, Mrs. Russell L.....420 S. Walnut St., Lansing
Folkers, Mrs. Leonard....666 Butterfield Dr., East Lansing
Fortino, Mrs. S. P.....1000 Cooledge, East Lansing
Fosget, Mrs. Wilbur.....210 E. Hillsdale, Lansing
Foster, Mrs. Wm. L.....343 N. Harrison Rd., East Lansing
French, Mrs. Horace L.....Delta River Dr., Lansing
Gardner, Mrs. Cyrus.....1815 Moores River Dr., Lansing
Garlinghouse, Mrs. A. J.....4689 Woodcraft Dr., Okemos
George, Mrs. Harry.....1006 Lantern Hill Dr., East Lansing
Govons, Mrs. Sidney R.....1729 Cadillac, Lansing
Hames, Mrs. R. E.....1521 Greenview, East Lansing
Hanna, Mrs. Rodger.....2698 Heather Dr., East Lansing
Harris, Mrs. H. W.....1400 Wellington Rd., Lansing
Harrison, Mrs. Wm.....1306 Hyland, Lansing
Harrold, Mrs. J. F.....2812 S. Waverly, R.R. #3, Lansing
Hatton, Mrs. Richard.....1218 Theodore, Lansing
Hayes, Mrs. Robt. E.....1622 Sunnyside, Lansing
Hayford, Mrs. Wm. D.....1006 Wildwood, East Lansing
Haze, Mrs. H. A.....Hotel Olds, Lansing
Heald, Mrs. Gordon.....830 Walbridge, East Lansing
Heckert, Mrs. Frank....Delta River Dr., R. #1, Box 199, Lansing
Heckert, Mrs. J. K.....1418 E. Grand River, East Lansing
Heerdt, Mrs. Mark E.....4550 Ottawa Dr., Okemos
Henderson, Mrs. Norman D.....826 Sunset Lane, East Lansing
Henry, Mrs. Robt. A.....2519 Belaire Dr., Lansing
Hermes, Mrs. E. J.....604 W. Willow, Lansing

Heustis, Mrs. Albert E.....410 Cowley, East Lansing
Hiscoe, Mrs. D. Bonta.....152 Maplewood, East Lansing
Himmelberger, Mrs. R. J.....227 West St., Lansing
Hodges, Mrs. Kenneth.....421 West St., Lansing
Hoffer, Mrs. Wm. E.....327 Shepard, Lansing
Holland, Mrs. Charles F.....166 Orchard, East Lansing
Hoyt, Mrs. John C.....4438 Keller Rd., Holt
Huggett, Mrs. Clare C.....1531 Osborn Rd., Lansing
Isbister, Mrs. John.....104 S. Jenison, Lansing
Jacob, Mrs. S. Sprig.....320 Curtis Rd., East Lansing
Johnson, Mrs. David.....2033 Pawnee Trail, Okemos
Johnson, Mrs. K. H.....1539 Spencer, Lansing
Johnson, Mrs. Richard.....623 Walbridge Rd., East Lansing
Jones, Mrs. F. A., Sr.....1025 Roxburgh, East Lansing
Jones, Mrs. F. A., Jr.....1025 Roxburgh, East Lansing
June, Mrs. Robert C.....809 W. Ionia, Lansing
Kahn, Mrs. David.....1519 Pershing, Lansing
Kalmbach, Mrs. Roland E.....1600 Wellington Rd., Lansing
Keim, Mrs. C. D.....1415 W. Kalamazoo, Lansing
Kelley, Mrs. Wm.....1615 W. Ottawa, Lansing
Klunzinger, Mrs. W. R.....810 Roxburgh, East Lansing
Kozak, Mrs. Jerome.....4573 Nakoma Dr., Okemos
Kraft, Mrs. L. C.....209 S. Main, Leslie
Landy, Mrs. G. R.....1023 N. Jenison, Lansing
Lange, Mrs. P. F.....1302 Pershing Dr., Lansing
Larson, Mrs. Homer.....1236 Downer, Lansing
LeDuc, Mrs. Don M.....405 University Dr., East Lansing
Leeder, Mrs. Frederick.....707 W. Jolly Rd., Lansing
Leshock, Mrs. J. C.....419 Clarendon, East Lansing
LeVett, Mrs. H. L.....1108 Southlawn, East Lansing
Lewis, Mrs. Clayton, Jr.....727 Audubon Rd., East Lansing
Linnell, Mrs. Paul C.....4180 Dallas, Holt
Long, Mrs. Charles.....1715 Roseland, East Lansing
Loree, Mrs. M. C.....1615 Abbott Rd., East Lansing
Loughrin, Mrs. Ted.....1630 Woodside Dr., East Lansing
Lucas, Mrs. T. A.....2826 Cambridge Rd., Lansing
Malcolm, Mrs. Henry E.....1049 Glenhaven, East Lansing
McCorvie, Mrs. C. R.....1410 Old Canton Lane, East Lansing
McCorvie, Mrs. Donald.....325 S. Circle, Williamston
McCrumb, Mrs. Ray.....1216 Parkdale, Lansing
McGillicuddy, Mrs. Robt. J.....528 E. Oakwood East Lansing
McGillicuddy, Mrs. Oliver.....407 Walbridge Dr., East Lansing
McIntyre, Mrs. J. E.....600 S. Grand, Lansing
McNamara, Mrs. Edward B.....804 W. Ottawa, Lansing
Meade, Mrs. Wm. H.....535 Ardson Rd., East Lansing
Melick, Mrs. Richard C.....4334 Mar-Moor Dr., Lansing
Menzies, Mrs. C. G.....734 Linden, East Lansing
Miller, Mrs. Willard J.....1204 S. Genesee, Lansing
Monfort, Mrs. Robt.....137 Durand, East Lansing
Morrow, Mrs. R. J.....412 N. Capitol, Lansing
Neering, Mrs. James C.....1316 N. Genesee Dr., Lansing
Neuman, Mrs. John.....235 Leland Pl., Lansing
Niland, Mrs. Paul.....1308 Old Hickory Lane, East Lansing
Nobel, Mrs. Rudolph.....2711 E. Grand River, Lansing
Ochsner, Mrs. Paul.....312 Cambridge Rd., Lansing
Packer, Mrs. John.....1206 Thomas L Pkwy., Lansing
Paine, Mrs. Wm.....724 Rosewood, East Lansing
Palmer, Mrs. R. E.....535½ S. Capitol, Lansing
Parker, Mrs. Earl.....207 E. Bellvue, Leslie
Peets, Mrs. R. C.....2266 Shawnee Trail, Okemos
Philips, Mrs. David.....333 N. Chestnut, Lansing
Phillips, Mrs. R. H.....1259 W. Grand River 42C, East Lansing
Pomeroy, Mrs. R. W.....775 Collingwood, East Lansing
Prall, Mrs. H. J.....214 W. Main, Lansing
Randall, Mrs. O. M.....7557 W. Saginaw, Grand Ledge
Richards, Mrs. Frank.....311 Kensington Rd., East Lansing
Robson, Mrs. E. J.....728 Audubon, East Lansing
Rollstin, Mrs. Robt. A.....4796 Ardmore, Box 107, Okemos
Rozan, Mrs. Josef S.....1142 Blake Ave., Lansing
Ruhmkorff, Mrs. R. F.....1060 Glenhaven, East Lansing
Rulison, Mrs. J. G.....2100 Colonial Plaza, Lansing
Saenz, Mrs. Hugo R.....1718 Loraine, Lansing
Sander, Mrs. John.....4275 Dobie Rd., Okemos
Saunders, Mrs. Meredith R.....921 Cherry Lane, East Lansing
Scallin, Mrs. J. F.....221 Kensington Rd., East Lansing
Schmidt, Mrs. Harry J.....1416 N. Hayford, Lansing
Schultz, Mrs. Arthur.....4646 Ottawa Rd., Okemos
Scott, Mrs. James S.....1281 Webb Rd., R.R. #2, DeWitt
Shapiro, Mrs. H. D.....1527 Old Mill Rd., East Lansing
Sharp, Mrs. M. S.....950 Audubon Rd., East Lansing
Shaw, Mrs. Milton.....415 West St., Lansing
Sherman, Mrs. George.....504 Cowley, East Lansing
Sichler, Mrs. H. G.....443 Clifton Blvd., East Lansing
Silverman, Mrs. I. E.....1602 Clifton, Lansing
Sleight, Mrs. Justin L.....3001 Westchester Rd., Lansing
Smith, Mrs. A. V.....S. Jackson Rd., Mason
Smookler, Mrs. Bernard.....1139 Gould Rd., Lansing
Snell, Mrs. D. M.....312 N. Harrison, East Lansing
Spagnuolo, Mrs. A. J.....1718 Wellington Rd., Lansing
Spalding, Mrs. Roland.....5004 Tressa Dr., Lansing
Spencer, Mrs. C. T.....1134 Southlawn, East Lansing
Stehman, Mrs. Vernon A.....2062 Tomahawk Circle, Okemos
Stiles, Mrs. Frank.....615 Northlawn, East Lansing
Stillwell, Mrs. George.....602 Grove, East Lansing
Stimson, Mrs. Paul R.....R.R. #4, Box 412, Lansing
Stone, Mrs. Benj. J.....736 Rosewood, East Lansing
Stow, Mrs. Robt.....1063 Rosewood, East Lansing
Strauss, Mrs. P. C.....3813 W. Willow, Lansing
Stringer, Mrs. C. J.....1701 W. Kalamazoo, Lansing
Stucky, Mrs. G. C.....624 W. Ottawa, Lansing
Sundell, Mrs. E. C.....2030 Pawnee Trail, Okemos
Swartz, Mrs. F. C.....500 Kedzie Dr., East Lansing
Tamblyn, Mrs. F. W.....Waverly Rd. R.R. #3, Lansing
Thaden, Mrs. D. W.....954 Delbridge, East Lansing
Tien, Mrs. H. C.....2721 E. Grand River, Lansing
Thimmig, Mrs. D. W.....4598 Arrowhead, Okemos
Toothaker, Mrs. Kenneth.....1609 W. Michigan, Lansing
Towne, Mrs. L. C.....701 Britten, Lansing
Trescott, Mrs. R. F.....218 Chesterfield, East Lansing
Troost, Mrs. F. L.....4395 W. Delhi, Holt
VanderZalm, Mrs. T. P.....1452 Cambridge Rd., Lansing
Wadley, Mrs. Ralph.....930 Roxburgh, East Lansing
Wainright, Mrs. J. W.....433 Haslett Rd., East Lansing
Walker, Mrs. Leo.....4225 Apple Tree Lane, Lansing
Wellman, Mrs. John M.....1809 Hillsdale W., Lansing
Wilenski, Mrs. Thomas.....527 W. Oakwood, East Lansing
Willson, Mrs. Howard S.....435 McPherson, Lansing
Wolcott, Mrs. Lester E.....3555 W. Arbutus, Okemos
Worthington, Mrs. Ralph.....717 Britten, Lansing
Zick, Mrs. Gerald A.....290 Gunson, East Lansing

IONIA-MONTCALM COUNTIES

Buck, Mrs. Jack H.....517 N. Division St., Ionia
Campbell, Mrs. Richard E.....340 E. Main St., Ionia
Hoffs, Mrs. Marinos A.....Lake Odessa
Kopchick, Mrs. Joseph.....Muir
Leider, Mrs. Thomas R.....448 Baldie St., Ionia
Slagh, Mrs. Milton E.....Saranac
Smith, Mrs. Robt. O.....505 W. Fargo St., Ionia
Socha, Mrs. Edmund S.....North State Rd., Ionia
Robertson, Mrs. Perry C.....327 Center St., Ionia
Tannheimer, Mrs. John F.....138 E. Washington St.,

JACKSON COUNTY

Adams, Mrs. E. W.....128 S. Brown St., Jackson
Ahronheim, Mrs. J. H.....1410 Greenwood, Jackson
Anderson, Mrs. N. B.....815 Briarcliff, Jackson
Appel, Mrs. Saul.....3040 Kibby Rd., Jackson
Baker, Mrs. George.....Parma
Beckwith, Mrs. S. A.....Stockbridge
Brashares, Mrs. Z. A.....Brooklyn
Bullen, Mrs. G. R.....418 Third St., Jackson
Cooley, Mrs. C. W.....315 S. Wismer St., Jackson
Cooley, Mrs. R. W.....141 E. Robinson, Jackson
Corley, Mrs. Cecil.....800 Crescent, Jackson
Corley, Mrs. E. H.....3923 Kathmar Dr., Jackson
Corley, Mrs. Robt.....1350 Kathmar Dr., Jackson
Cox, Mrs. Ferdinand.....1601 Fourth St., Jackson
Daly, Mrs. Byrne.....709 Oakridge Dr., Jackson
Davenport, Mrs. Bruce.....Spring Arbor
DeMay, Mrs. C. E.....901 Albright, Jackson
DeMay, Mrs. J. D.....1820 Herkimer, Jackson
Deming, Mrs. R. C.....1406 W. Washington, Jackson
Dickman, Mrs. H. M.....Hudson
Faust, Mrs. W. L.....Grass Lake
Filip, Mrs. H. K.....755 W. Michigan, Jackson
Finton, Mrs. R. E.....1812 Grovedale, Jackson
Finton, Mrs. W. L.....1502 Carlton Blvd., Jackson
Growt, Mrs. B. N.....Addison
Hackett, Mrs. T. E.....1124 Barr St., Jackson
Hackett, Mrs. T. L.....3160 Reynolds Rd., Jackson
Hanft, Mrs. C. F.....Springport
Hardie, Mrs. G. C.....218 Fourth St., Jackson
Hart, Mrs. V.....518 S. Brown, Jackson
Hicks, Mrs. G. C.....1009 Wildwood, Jackson
Holst, Mrs. J. B.....1437 Wickwire, Jackson
Hunt, Mrs. M. E.....2534 Francis St., Jackson
Joerin, Mrs. W. A.....734 W. Franklin, Jackson
Karr, Mrs. J. F.....2535 Spring Arbor Rd., Jackson
Keefer, Mrs. A. H.....Concord
Kempton, Mrs. G. B.....748 Crescent, Jackson
Kiessling, Mrs. A. J.....1850 Schaffer Dr., Jackson
Kline, Mrs. Starr L.....3525 Jefferson Rd., Clark Lake
Kobs, Mrs. R. J.....513 Seventeenth, Jackson
Kraft, Mrs. L. C.....Leslie
Kudner, Mrs. D. F.....1300 W. Franklin, Jackson
Lake, Mrs. E. C.....786 Bloomfield, Jackson
Lake, Mrs. W. H.....1917 Parkwood Way, Jackson
Landron, Mrs. D. L.....4633 Page Ave., Michigan Center
Lenz, Mrs. C. R.....1833 Shoemaker Dr., Jackson
Lewis, Mrs. E. F.....609 S. Wisner, Jackson
Linden, Mrs. V. E.....5712 Browns Lake Rd., Jackson
Ludwick, Mrs. J. E.....6220 Brooklyn Rd., Jackson
Ludwick, Mrs. John E.....405 S. Durand St., Jackson
Luh, Mrs. E. K.....135 E. Coler, Jackson
McGarvey, Mrs. W. E.....319 S. Higby, Jackson
McLaughlin, Mrs. M. J.....6271 Browns Lake Rd., Jackson
McLaughlin, Mrs. John M.....Jackson
McLauthlin, Mrs. H. B.....200 S. Higby, Jackson
McQuillan, Mrs. S. P.....206 S. Wisner, Jackson
Meads, Mrs. J. R.....1714 Fourth St., Jackson
Medlar, Mrs. R. E.....1202 W. Franklin, Jackson
Morelli, Mrs. Lorenzo.....507 Seventeenth St., Jackson
Muhich, Mrs. R. A.....2466 Emmons Rd., Jackson
Munro, Mrs. N. D.....407 Edwards, Jackson
Murphy, Mrs. B. M.....710 Bloomfield, Jackson
Newton, Mrs. R. E.....3124 Horton Rd., Jackson
Oleksy, Mrs. S. P.....1415 W. Washington, Jackson
Olsen, Mrs. Lloyd L.....1410 W. Washington, Jackson
Otis, Mrs. G. L.....922 Oakgrove Rd., Jackson
Oster, Mrs. H. L.....1218 Greenwood, Jackson
Parker, Mrs. L. E.....Leslie
Payne, Mrs. A. K.....914 S. Brown, Jackson
Phillips, Mrs. George.....326 W. Cortland, Jackson
Porter, Mrs. H. W.....1008 Carlton Blvd., Jackson
Pray, Mrs. F. F.....310 Steward, Jackson
Preston, Mrs. J. A.....1011 S. Thompson, Jackson
Rice, Mrs. J. W.....705 Bloomfield, Jackson
Rice, Mrs. R. G.....824 Browns Lake Rd., Jackson
Riley, Mrs. P. A., Jr.....1409 W. Franklin, Jackson
Riley, Mrs. P. A.....205 W. Franklin, Jackson
Sargent, Mrs. L. E.....114 N. Thompson, Jackson
Sautter, Mrs. W. A.....Horton
Scheurer, Mrs. C. A.....Manchester
Schmidt, Mrs. T. E.....1414 W. Washington, Jackson
Scott, Mrs. John A.....119 S. Bowen, Jackson
Shaeffer, Mrs. A. M.....1000 Browns Lake Rd., Jackson
Shaeffer, Mrs. L. D.....3414 Caroline, Jackson
Sher, Mrs. David B.....956 Cooper, Jackson
Sill, Mrs. H. W.....214 S. Durand, Jackson
Sirhal, Mrs. A. M.....5160 North Shore Dr., Clark Lake
Smith, Mrs. D. A.....1205 W. Washington, Jackson
Stackable, Mrs. W. R.....844 Woodbine, Jackson
Stewart, Mrs. Lewis L.....220 Summit, Jackson
Stewart, Mrs. M. N.....216 Stewart, Jackson
Stolberg, Mrs. Carl A.....828 Oakridge Dr., Jackson
Stone, Mrs. E. L.....1011 S. Brown, Jackson
Tate, Mrs. C. E.....817 Westwood, Jackson
Taylor, Mrs. R. V.....800 S. Grinnell, Jackson
Thalner, Mrs. L. F.....609 W. Michigan Ave., Jackson
Thayer, Mrs. E. A.....2018 Spring Arbor Rd., Jackson
Thompson, Mrs. T. B.....200 Fourth St., Jackson
Torwick, Mrs. E. T.....1107 Union, Jackson
Towsend, Mrs. J. W.....108 Hague, Vandercook Lake
VanSchoick, Mrs. Frank.....1301 Greenwood, Jackson
VanSchoick, Mrs. John.....Hanover
VanWagnen, Mrs. F. I.....1232 First St., Jackson
Vivirski, Mrs. E. E.....603 S. Elm St., Jackson
Weddon, Mrs. E. R.....Stockbridge
Wholihan, Mrs. J. W.....602 W. Michigan Ave., Jackson
Wickham, Mrs. W. A.....1710 Herkimer, Jackson
Wille, Mrs. W. S.....1346 Kathmar Dr., Jackson

KALAMAZOO COUNTY

Alexander, Mrs. C. A.....118 W. North St., Kalamazoo
Andrews, Mrs. Sherman E.....2326 Springhill Dr., Kalamazoo
Appel, Mrs. Ben.....516 Montrose Ave., Kalamazoo
Appel, Mrs. Wm.....1906 Dorchester, Kalamazoo
Appell, Mrs. L. E.....108 Mill St., Vicksburg
Banner, Mrs. Lawrence R.....1405 Long Rd., Kalamazoo
Barak, Mrs. Herbert G.....2122 Chevy Chase, Kalamazoo
Barry, Mrs. Manley L.....252 E. Lovell, Kalamazoo
Bennett, Mrs. Keith F.....2760 Bronson Blvd., Kalamazoo
Betz, Mrs. Eldean G.....1521 Timberlane Dr., Kalamazoo
Birch, Mrs. Wm. G.....1539 Grand Ave., Kalamazoo
Borgman, Mrs. Wallace.....2252 Chevy Chase Blvd., Kalamazoo
Boyd, Mrs. Robt. E.....1311 Banor St., Kalamazoo
Breneman, Mrs. James C.....25 Pearl St., Galesburg
Brue, Mrs. Peter P.....1009 Cambridge Dr., Kalamazoo
Burbidge, Mrs. Earl L.....359 Park Ave., Kalamazoo
Burrell, Mrs. Robt. B.....2017 Hillsdale Ave., Kalamazoo
Callander, Mrs. C. Glen.....4418 Lake Forest Dr., Kalamazoo
Cashen, Mrs. Russell.....1810 Greenbriar, Kalamazoo
Chrest, Mrs. C. P.....2740 Bronson Blvd., Kalamazoo
Clement, Mrs. F. L.....2227 S. Rose St., Kalamazoo
Conrad, Mrs. Maynard M.....1509 Timberlane Dr., Kalamazoo
Cooper, Mrs. Paul F.....4326 Oakland Dr., Kalamazoo
Cox, Mrs. Franklin.....5125 Windy Ridge Dr., Kalamazoo

Crawford, Mrs. Kenneth L.....1532 Grand Ave., Kalamazoo
Creager, Mrs. Ray O.....1218 Bronson Circle, Kalamazoo
Cretsinger, Mrs. Francis C.....2012 Chevy Chase Blvd., Kalamazoo
Currier, Mrs. R. Keith.....1223 Kilgore Rd., Kalamazoo
Dana, Mrs. Robt. L.....2240 Sheffield Dr., Kalamazoo
Decker, Mrs. Wm. A.....1145 Oakland Dr., Kalamazoo
Delbert, Mrs. Stewart G.....410 Edgemoor, Kalamazoo
DeLong, Mrs. Robt. E.....2215 Crane Ave., Kalamazoo
DePree, Mrs. Harold E.....2423 Russet Dr., Kalamazoo
Dew, Mrs. Robt. R.....2252 Sheffield Dr., Kalamazoo
Doezema, Mrs. Edward R.....802 Grand Pre., Kalamazoo
Dick, Mrs. Leo A.....2311 Lorraine, Kalamazoo
Dowd, Mrs. Bennard J.....1415 Henderson Dr., Kalamazoo
Doyle, Mrs. Fred M.....3240 Bronson Blvd., Kalamazoo
Dugger, Mrs. James A.....2755 Bronson Blvd., Kalamazoo
Endrei, Mrs. Ariszted.....Box A State Hosp., Kalamazoo
Estill, Mrs. Donald V.....1605 N. Church, Kalamazoo
Fast, Mrs. Ralph B.....1425 Low Rd., Kalamazoo
Fath, Mrs. Aigust F.....5029 Angling Rd., Kalamazoo
Ferguson, Mrs. Robt. K.....2503 Bruce Dr., Kalamazoo
Finton, Mrs. M. A.....1418 W. Kilgore Rd., Kalamazoo
Flunt, Mrs. Roman.....State Hospital, Kalamazoo
Fopeano, Mrs. John W.....2121 Sheffield Dr., Kalamazoo
French, Mrs. Merle R.....1128 Miles Ave., Kalamazoo
Fulkerson, Mrs. Clark B.....425 S. Westnedge Ave., Kalamazoo
Fuller, Mrs. Paul.....4192 Saratoga, Kalamazoo
Gardner, Mrs. Carl A.....1429 Spruce St., Kalamazoo
Gerstner, Mrs. Louis P.....2425 Low Rd., Kalamazoo
Gladstone, Mrs. Wm. S.....4322 Sunnybrook Dr., Kalamazoo
Glaser, Mrs. Daniel F.....3322 Lakehill Dr., Kalamazoo
Grekin, Mrs. Robt. H.....3224 Lakehill Dr., Kalamazoo
Gremel, Mrs. Norman A.....2527 Broadway, Kalamazoo
Haddock, Mrs. D. A.....4426 Lake Forest Dr., Kalamazoo
Hailman, Mrs. H. F.....812 Wilshire Blvd., Kalamazoo
Hammer, Mrs. John M.....121 Monroe St., Kalamazoo
Hanson, Mrs. Curtis M.....3913 Lakeside Dr., Kalamazoo
Harrell, Mrs. Frank G.....R.R. #1, Hickory Corners
Harrelson, Mrs. Wm. D.....3625 Old Colony Rd., Kalamazoo
Harvey, Mrs. Donald A.....2308 Crane Ave., Kalamazoo
Hayner, Mrs. Russell A.....718 Royce Ave., Kalamazoo
Heersma, Mrs. H. Sidney.....1923 Winchell Ave., Kalamazoo
Heinle, Mrs. Robt. W.....2517 Bronson Blvd., Kalamazoo
Herbert, Mrs. Walter N.....2777 Highland Park, Richland
Hersey, Mrs. E. Freeman.....4407 Bronson Blvd., Kalamazoo
Hildreth, Mrs. Roscoe C.....226 Grandview, Kalamazoo
Hoebke, Mrs. Wm. G.....1408 Long Rd., Kalamazoo
Holder, Mrs. C. O.....1207 Oakland Dr., Kalamazoo
Howard, Mrs. Grand R.....2025 Chevy Chase Blvd., Kalamazoo
Howard, Mrs. Willard H.....1602 Gull Rd., Kalamazoo
Hubbard, Mrs. Edwin M.....1327 Cherokee, Kalamazoo
Hume, Mrs. Robt. H.....1115 Crown Ave., Kalamazoo
Irwin, Mrs. Wm.....2333 Sheffield Dr., Kalamazoo
Jennings, Mrs. Robt. N.....814 Oakland Dr., Kalamazoo
Jennings, Mrs. W. O.....1136 Long Rd., Kalamazoo
Kavanaugh, Mrs. John W.....826 Dwillard Dr., Kalamazoo
Kercher, Mrs. Ervin .....1211 Cherry St., Kalamazoo
Kilgore, Mrs. Robt. N.....5140 Morningside Dr., Kalamazoo
Klerk, Mrs. Wm. J.....2421 Waite Ave., Kalamazoo
Koestner, Mrs. Paul A.....742 Norton Dr., Kalamazoo
Lawrence, Mrs. James O.....1409 Henderson Dr., Kalamazoo
Lawson, Mrs. James B.....1028 Lakeway, Kalamazoo
Littig, Mrs. John.....1708 Embury Rd., Kalamazoo
Lemmer, Mrs. Richard A.....2933 Bronson Blvd., Kalamazoo
Locklin, Mrs. Walter K.....4444 Lake Forest Dr., Kalamazoo
Louisell, Mrs. James.....2703 Russet Dr., Kalamazoo
Loynd, Mrs. James W.....3338 Bronson Blvd., Kalamazoo
MacGregor, Mrs. John R.....226 Church St., Parchment
Machin, Mrs. Harold A.....2348 Tipperary Rd., Kalamazoo
Malone, Mrs. James G.....3731 Bronson Blvd., Kalamazoo
Margolis, Mrs. Frederick J.....2134 Waite Ave., Kalamazoo
Marshall, Mrs. Don.....1508 Timberlane Dr., Kalamazoo
Marshall, Mrs. Wm. P.....160 Edgemoor, Kalamazoo
Martens, Mrs. Irvin J.....517 Sturgis Rd., Parchment
May, Mrs. Donald G.....1327 Maple, Kalamazoo
McCarthy, Mrs. Joseph S.....1005 Oakland Dr., Kalamazoo
McMillan, Mrs. Donald W.....2031 Old Colony, Kalamazoo
Mellis, Mrs. Richard T.....2833 Grace Rd., Kalamazoo
Morter, Mrs. Roy A.....2421 Sheffield, Kalamazoo
Neerkin, Mrs. A. John.....2315 Lorraine, Kalamazoo
Nibbelink, Mrs. Benjamin.....2149 Treehaven Dr., Kalamazoo
Nicholson, Mrs. Robt. M.....2229 Treehaven Dr., Kalamazoo
Overby, Mrs. Charles.....State Hospital, Kalamazoo
Patmos, Mrs. Martin.....1207 Cherry St., Kalamazoo
Peake, Mrs. Charles O.....1541 W. Kilgore Rd., Kalamazoo
Pearson, Mrs. Edwin O.....933 W. Inkster, Kalamazoo
Peelen, Mrs. J. Wm.....943 W. Inkster, Kalamazoo
Peelen, Mrs. Mathew.....310 Grandview Ave., Kalamazoo
Perry, Mrs. C. W.....2030 Waite Ave., Kalamazoo
Pinkham, Mrs. Raymond A.....1203 Niles, Kalamazoo
Pool, Mrs. John D.....1215 Lakeway, Kalamazoo
Pullon, Mrs. Alton E.....3114 Bronson Blvd., Kalamazoo
Rasmussen, Mrs. Leo.....205 W. Michigan, Vicksburg
Rigterink, Mrs. Gerald.....2424 S. Park, Kalamazoo
Roberts, Mrs. M. S.....118 Bulkley, Kalamazoo
Rockwell, Mrs. Donald C.....1227 Jefferson St., Kalamazoo
Rogers, Mrs. R. J.....108 Mill St., Vicksburg
Rutherford, Mrs. Paul S.....106 Thompson St., Kalamazoo
Ryan, Mrs. Frederick C.....2511 Glenwood St., Kalamazoo
Scholten, Mrs. Roger A.....930 W. Inkster Ave., Kalamazoo
Schrier, Mrs. Clarence M.....1223 Oakland Dr., Kalamazoo
Scott, Mrs. Wm. A.....2315 Angling Rd., Kalamazoo
Siemsen, Mrs. Walter J.....3427 Old Colony Rd., Kalamazoo
Slatmyer, Mrs. Karel.....118 S. Prairie, Kalamazoo
Smith, Mrs. Thomas C.....1215 Oakland Dr., Kalamazoo
Sofen, Mrs. M. B.....4414 Lake Forest St., Kalamazoo
Southworth, Mrs. Maynard.....Schoolcraft
Stewart, Mrs. Robert B.....2407 Fairfield, Kalamazoo
Stewart, Mrs. Wm. C.....4419 Lake Forest Dr., Kalamazoo
Stiller, Mrs. Anthony.....1235 N. Hillandale Dr., Kalamazoo
Stryker, Mrs. Homer H.....903 Edgemoor, Kalamazoo
Youngs, Mrs. C. A.....416 S. Burdick St., Kalamazoo
Upjohn, Mrs. E. Gifford.....2230 Glenwood Dr., Kalamazoo
Upjohn, Mrs. Harold.....5147 Bronson Blvd., Kalamazoo
VanderVelde, Mrs. Kenneth.....2203 Sheffield Dr., Kalamazoo
Verhage, Mrs. Martin D.....1748 Greenlawn Ave., Kalamazoo
Volderauer, Mrs. John C.....905 Edgemoor, Kalamazoo
Warnke, Mrs. Robt. D.....3012 Kenilworth, Kalamazoo
Weadon, Mrs. Preston S.....2255 Tipperary, Kalamazoo
Williamson, Mrs. Edwin M.....6343 Douglas Ave., Kalamazoo
Wilson, Mrs. Doyle E.....1524 Midfield, Kalamazoo
Wu, Mrs. Jack Foy.....3719 Duke St., Kalamazoo
Zwergel, Mrs. E. H.....5207 Morningside Dr., Kalamazoo

KENT COUNTY

Aitken, Mrs. George T.....936 San Lucia Dr. S.E., Grand Rapids
Albers, Mrs. G. Donald.....1838 Argentina Dr. S.E., Grand Rapids
Aldridge, Mrs. Charles W.....1574 Mackinaw Rd. S.E., Grand Rapids
Andre, Mrs. Harvey M.....950 Cambridge Dr. S.E., Grand Rapids
Balyeat, Mrs. Gordon W.....150 Morningside Dr. S.E., Grand Rapids
Barofsky, Mrs. Gerald F.....2944 Hall St. S.E., Grand Rapids
Bartek, Mrs. Gordon L.....144 Forest Hills S.E., Grand Rapids
Basinger, Mrs. Clair E.....298 Morningside Dr. S.E., Grand Rapids
Baum, Mrs. Wm. C.....2739 Oakwood Dr. S.E., Grand Rapids
Beaton, Mrs. James H.....1556 Pontiac Rd. S.E., Grand Rapids
Beets, Mrs. W. Clarence.....2221 Jefferson Dr. S.E., Grand Rapids
Benjamin, Mrs. Howard G.....500 Cambridge S.E., Grand Rapids
Bennett, Mrs. W. Bruce.....1015 Rosalie N.W., Grand Rapids
Benson, Mrs. Roland R.....1578 Pontiac Rd. S.E., Grand Rapids
Bergsma, Mrs. Stuart..1942 Sherman S.E., Grand Rapids
Bignall, Mrs. C. Rexford.....1134 Conlon S.E., Grand Rapids
Blackburn, Mrs. Henry M.....2410 Breton Rd. S.E., Grand Rapids
Blocksma, Mrs. Ralph.....1529 Blythecourt N.W., Grand Rapids
Boelkins, Mrs. Richard C.....834 Giddings Ave. S.E., Grand Rapids
Boerman, Mrs. Walter J.....1110 Kelsey N.E., Grand Rapids
Boersma, Mrs. Donald.....920 Chippewa S.E., Grand Rapids
Bonzelaar, Mrs. Marvin.....1612 Woodward S.E., Grand Rapids
Booher, Mrs. Craig E.....2609 Albert Dr. S.E., Grand Rapids
Bosch, Mrs. Leon C.....943 Santa Barbara S.E., Grand Rapids
Bowman, Mrs. Harold E.....2209 Wilshire Dr. S.E., Grand Rapids
Boyce, Mrs. David C.....2310 Estelle Dr. S.E., Grand Rapids
Brace, Mrs. Fred C.....2311 Academy Dr. S.E., Grand Rapids
Braunschneider, Mrs. G. E.....2231 Clover Dr. N.W., Grand Rapids
Bratt, Mrs. Harvey J.....1121 Giddings S.E., Grand Rapids
Brink, Mrs. J. Russel.....1901 Argentina Dr. S.E., Grand Rapids
Brook, Mrs. J. D.....65 S. Wilson Ave., Grandville
Bull, Mrs. Frank L.....65 S. State St., Sparta
Burhans, Mrs. John B.....1445 Seminole Rd. S.E., Grand Rapids
Burroughs, Mrs. Frank M., Jr.....3307 S. Ottawa, Grandville
Capps, Mrs. Sam C.....2059 Wilshire Dr. S.E., Grand Rapids
Carpenter, Mrs. Luther C.....1818 Argentina Dr. S.E., Grand Rapids
Caukin, Mrs. Howard S.....1310 Woodcliff Dr. S.E., Grand Rapids
Cayce, Mrs. Wm.....640 Kent Hills Rd. S.E., Grand Rapids
Champion, Mrs. John P.....2222 Englewood Dr. S.E., Grand Rapids
Chandler, Mrs. Donald.....3347 East Belt Line N.E., Grand Rapids
Chase, Mrs. R. Jack....849 Maxwell S.E., Grand Rapids
Clahassey, Mrs. Erwin G.....427 Mulford Dr. S.E., Grand Rapids
Clawson, Mrs. Carroll K.....748 Ethel S.E., Grand Rapids
Claytor, Mrs. Robt. W.....2032 Coit N.E., Grand Rapids
Colvin, Mrs. W. G.....7380 Valhalla Dr., Alto
Corbus, Mrs. Burton R.....325 Union S.E., Grand Rapids
Crane, Mrs. Harold D.....2221 Madison S.E., Grand Rapids
Cremer, Mrs. John A.....14115 Ironwood Dr., Marne
Cuncannan, Mrs. M. Edward.....1745 Eastern S.E., Grand Rapids
Currier, Mrs. Fred P...955 Floral Dr. S.E., Grand Rapids
Damstra, Mrs. Harold J.....1022 Santa Cruz S.E., Grand Rapids
Dassel, Mrs. Paul M.....2641 Boston S.E., Grand Rapids
Davis, Mrs. David B.....266 Pettis Rd., Ada
Dawson, Mrs. W. Douglas.....1021 Iroquois Dr. S.E., Grand Rapids
DeBoer, Mrs. Clarence J.....3391 Elwood, Grandville
DeBoer, Mrs. Guy W...41 Maryland N.E., Grand Rapids
DeMaagd, Mrs. Gerald.....185 S. Monroe, Rockford
DeMol, Mrs. Richard J.....2425 College S.E., Grand Rapids
Denham, Mrs. Robt. H.....535 Plymouth S.E., Grand Rapids
DeVel, Mrs. Leon.....739 Plymouth S.E., Grand Rapids
DeVries, Mrs. Daniel....82 Maryland S.E., Grand Rapids
Dewey, Mrs. Kent A.....3205 Bonnell S.E., Grand Rapids
DeYoung, Mrs. Maynard T.....12 Mile Rd. N.W., Sparta
DeYoung, Mrs. Thies.....35 E. Division, Sparta
Diskey, Mrs. Donald G...1911 Lake Michigan Dr. N.W., Grand Rapids
Dixon, Mrs. Willis, Sr.....420 E. Fulton, Grand Rapids
Dixon, Mrs. Willis L., Jr.....2012 Coronado S.E., Grand Rapids
Docter, Mrs. Luebert L.....3496 Lake Dr. S.E., Grand Rapids
Doyle, Mrs. John L.....2438 Paris S.E., Grand Rapids
Droste, Mrs. James C.....1545 Seminole Dr. S.E., Grand Rapids
Eggleston, Mrs. H. R.....117 Page N.E., Grand Rapids
Eldersveld, Mrs. Herman C.....977 Powers N.W., Grand Rapids
Failing, Mrs. John F.....2617 Lake Michigan Dr. N.W., Grand Rapids
Farber, Mrs. Charles E...2930 Bonnell S.E., Grand Rapids
Faust, Mrs. Lawrence W.....405 Manhattan Rd. S.E., Grand Rapids
Feenstra, Mrs. Laurence H.....1651 Plymouth S.E., Grand Rapids
Fellows, Mrs. Kenneth.....3341 Ashton Rd. S.E., Grand Rapids
Ferguson, Mrs. James....2230 Hall St. S.E., Grand Rapids
Ferguson, Mrs. Lynn..635 Cambridge S.E., Grand Rapids
Ferguson, Mrs. Ward S.....2117 Hall St. S.E., Grand Rapids
Ferrand, Mrs. Louis G.....8149 Northland Dr., Rockford
Fitts, Mrs. Ralph L.....1930 Michigan Rd. N.E., Grand Rapids
Fitzgerald, Mrs. Erwin L.....2005 Hall St. S.E., Grand Rapids
Flintoff, Mrs. Wm. M.....954 Gladstone Dr. S.E., Grand Rapids
Flynn, Mrs. Donald J.....1034 Santa Barbara S.E., Grand Rapids
Foshee, Mrs. John F.....315 Madison Ave. S.E., Grand Rapids
Foxworthy, Mrs. John.....2565 Albert Dr. S.E., Grand Rapids

Frantz, Mrs. Charles..1860 Lake Dr. S.E., Grand Rapids
Fuller, Mrs. E. Hemingway..260 Paris S.E., Grand Rapids
Fuller, Mrs. Wm. J.....2633 Frederick S.E., Grand Rapids
Gamm, Mrs. Kenneth E...456 Morris S.E., Grand Rapids
Giammona, Mrs. Samuel.....2120 Emerald N.E., Grand Rapids
Gibbs, Mrs. Floyd F...2140 Romence N.E., Grand Rapids
Gillet, Mrs. Frederick S.....755 San Jose, S.E., Grand Rapids
Gouwens, Mrs. Willis E., Jr.....2903 Coit N.E., Grand Rapids
Grant, Mrs. Lee O.....2263 Eldorado S.E., Grand Rapids
Grass, Mrs. Edward J...858 Pinecrest S.E., Grand Rapids
Gray, Mrs. Fred B.....3025 Mary St. S.E., Grand Rapids
Griffith, Mrs. Lucian S.....1934 Sherman S.E., Grand Rapids
Gunn, Mrs. James....2519 Westboro N.E., Grand Rapids
Gunning, Mrs. R. L. Lee.....369 Greenwich Rd. S.E., Grand Rapids
Haarer, Mrs. John G.....733 Alger S.E., Grand Rapids
Haeck, Mrs. Wm.....1225 Franklin S.E., Grand Rapids
Hagerman, Mrs. David B.....1551 Seminole Rd. S.E., Grand Rapids
Hamp, Mrs. Arthur.....3985 Reeds Lake Blvd. S.E., Grand Rapids
Hayes, Mrs. Thomas A...1018 Cherry S.E., Grand Rapids
Heaton, Mrs. John R.....2102 Anderson Dr. S.E., Grand Rapids
Heetderks, Mrs. Dewey R.....240 Edgehill Dr. S.E., Grand Rapids
Hesselschwerdt, Mrs. D. W.....932 Floral Dr. S.E., Grand Rapids
Hodgen, Mrs. John T.....2320 Fulton E., Grand Rapids
Holcomb, Mrs. J. Winslow.....1441 Breton Rd. S.E., Grand Rapids
Hollander, Mrs. Stephen.....2027 Godwin S.E., Grand Rapids
Hoogerhyde, Mrs. Jack.....3355 Ashton Rd. S.E., Grand Rapids
Hoyt, Mrs. Robt. L...954 Cambridge S.E., Grand Rapids
Hudson, Mrs. Harry C.....1540 Woodlawn S.E., Grand Rapids
Hufford, Mrs. Ray....2660 Oakwood S.E., Grand Rapids
Humphrey, Mrs. James C.....1134 Cambridge S.E., Grand Rapids
Hutchinson, Mrs. F. Alan.....1115 Kenesaw S.E., Grand Rapids
Hydrick, Mrs. Robt. H.....2150 Clover Dr. N.W., Grand Rapids
Hyland, Mrs. Wm. A.....2833 Bonnell S.E., Grand Rapids
Ireland, Mrs. H. D.....724 Fuller N.E., Grand Rapids
Irwin, Mrs. Thomas C.....325 Morris S.E., Grand Rapids
Jack, Mrs. Wm.....507 Plymouth S.E., Grand Rapids
Jameson, Mrs. Fred M.....2711 Beechwood S.E., Grand Rapids
Jaracz, Mrs. Walter J., Sr...36 Valley S.W., Grand Rapids
Jaracz, Mrs. Walter J., Jr.....1561 Alexander S.E., Grand Rapids
Jarvis, Mrs. Charles..218 Sligh Blvd. N.E., Grand Rapids
Jellema, Mrs. John F.....1842 Houseman N.E., Grand Rapids
Jenson, Mrs. Wm. B., Jr.....3147 Bonnell S.E., Grand Rapids
Johns, Mrs. Donald....655 Broadview S.E., Grand Rapids
Johnston, Mrs. Daniel W.....2440 Beechwood Dr. S.E., Grand Rapids
Jones, Mrs. Haven E.....2105 Godwin S.E., Grand Rapids
Jones, Mrs. Horace C.....3004 Oakwood Dr. S.E., Grand Rapids
Jui, Mrs. John O.....1706 Wilson N.W., Grand Rapids
Kenny, Mrs. Leo J.....3481 Briarbank Pl. S.E., Grand Rapids
Kessler, Mrs. Dale L.....1610 Robinson Rd. S.E., Grand Rapids
Kingma, Mrs. J. G.....935 Calvin S.E., Grand Rapids
Klooster, Mrs. Gerald.....1919 Chamberlain S.E., Grand Rapids
Kniskern, Mrs. Paul W.....1555 Edgewood S.E.. Grand Rapids
Kooistra, Mrs. Henry P.....1564 Pontiac Rd. S.E., Grand Rapids
Kool, Mrs. Bernard P.....419 Comstock N.E., Grand Rapids
Kreulen, Mrs. Henry J.....2452 Godwin S.E.,
Krhovsky, Mrs. Frank J.....130 Rexford Dr. S.E., Grand Rapids
Kruse, Mrs. Wm. T.....2939 Wilshire Dr. S.E., Grand Rapids
Kuiper, Mrs. Klaire V.....2208 Madison S.E., Grand Rapids
Lamberts, Mrs. Austin E.....1520 Leffingwell N.E., Grand Rapids
Landstra, Mrs. Robt. F.....1243 Fisk S.E., Grand Rapids
Lang, Mrs. Ramon B...2958 Hall St. S.E., Grand Rapids
Lanning, Mrs. Nicholas E.....1050 Gladstone S.E., Grand Rapids
Lentini, Mrs. Joseph R.....2059 Anderson Dr. S.E., Grand Rapids
Lewis, Mrs. George H.....30 Manchester Rd. S.W., Grand Rapids
Lieffers, Mrs. Harry.....331 Aurora S.E., Grand Rapids
Lillie, Mrs. Walter I.....835 Cambridge Blvd. S.E., Grand Rapids
List, Mrs. Carl F.....401 Lakeside Dr. S.E., Grand Rapids
Lukens, Mrs. Jack G.....2847 Elmwood Dr. S.E., Grand Rapids
MacDonell, Mrs. James A.....185 Maryland N.E., Grand Rapids
MacIntyre, Mrs. Dugald S.....562 Plymouth S.E., Grand Rapids
Mann, Mrs. Joseph D.....2435 Beechwood Dr., S.E., Grand Rapids
Marsh, Mrs. John P.....35 Bel Aire N.E., Grand Rapids
Maynard, Mrs. Mason S.....1231 Plymouth S.E., Grand Rapids
McCormick, Mrs. John K.....401 Cheshire Dr. N.E., Grand Rapids
McDougal, Mrs. Wm. J.....639 Kent Hills Rd. N.E., Grand Rapids
McKenna, Mrs. Joseph L.....2550 Beechwood S.E., Grand Rapids
Meade, Mrs. Richard H.....759 San Jose S.E., Grand Rapids
Meeuwsen, Mrs. Bernard.....664 Winchell S.E., Grand Rapids
Mehney, Mrs. Gayle H.....3530 Cascade Rd. S.E., Grand Rapids
Miller, Mrs. J. Duane.....2565 Frederick Dr. S.E., Grand Rapids
Miller, Mrs. John J.....1580 Water St., Marne
Moberg, Mrs. Carl H.....2547 Maplewood S.E., Grand Rapids
Moleski, Mrs. Joseph V.....1911 Hall St. S.E., Grand Rapids
Moleski, Mrs. Leo T.....1462 Milton S.E., Grand Rapids
Mol, Mrs. Arthur M.....3383 Fulton Rd. S.E., Grand Rapids
Mouw, Mrs. Dirk..2352 Jefferson Dr. S.E., Grand Rapids
Mulder, Mrs. G. Arthur.....2047 Jefferson Dr. S.E., Grand Rapids
Mulder, Mrs. J. D.....3161 Baker Rd. S.E., Grand Rapids
Muldoon, Mrs. James P.....1833 Madison S.E., Grand Rapids
Murphy, Mrs. Miles J.....1051 Monterey S.E., Grand Rapids
Murray, Mrs. Raymond J.....1540 Mackinaw Rd. S.E., Grand Rapids
Nanzig, Mrs. Reinard P.....824 Chippewa S.E., Grand Rapids
Nickel, Mrs. Kenneth C.....1535 Groton S.E., Grand Rapids
Northouse, Mrs. Peter B.....1524 Pontiac Rd. S.E., Grand Rapids

Notier, Mrs. Victor A.....2601 Maplewood Dr. S.E., Grand Rapids
Oates, Mrs. Samuel M.....1855 Chamberlain S.E., Grand Rapids
Oliver, Mrs. Walter W...7241 Belding Rd. N.E., Rockford
Overbeck, Mrs. Ernest L.....316 Sligh Blvd. N.E., Grand Rapids

Paalman, Mrs. Russell J.....111 Middleboro N.E., Grand Rapids
Patterson, Mrs. Wilford P.....2032 Godwin S.E., Grand Rapids
Pattullo, Mrs. Marshall.....1330 Woodcliff Dr. S.E., Grand Rapids
Payne, Mrs. Allen C.....5696 Fulton E., Grand Rapids
Pearson, Mrs. Glenn A.....519 Greenwood S.E., Grand Rapids
Pedden, Mrs. John R.....230 El Centro Blvd. S.E., Grand Rapids
Pilling, Mrs. Warren C...936 Orchard S.E., Grand Rapids
Plekker, Mrs. Johannes D.....2217 Wilshire Dr. S.E., Grand Rapids
Porter, Mrs. Howard P., Jr.....180 Greenwich N.E., Grand Rapids
Posthuma, Mrs. Albert E.....2247 College S.E., Grand Rapids
Postma, Mrs. Howard F.....3876 E. Omaha, Grandville
Pott, Mrs. Abraham L.....612 Kent Hills N.E., Grand Rapids
Prothro, Mrs. Winston B.....465 Cheshire Dr. N.E., Grand Rapids
Puite, Mrs. Robt. H...1030 San Juan S.E., Grand Rapids
Pyle, Mrs. Henry J.....1016 Waltham S.E., Grand Rapids

Raiman, Mrs. Robt. J.....2640 Manor Dr. S.E., Grand Rapids
Ralph, Mrs. Paul L.....953 Rosewood S.E., Grand Rapids
Rasmussen, Mrs. Richard A.....737 Cambridge S.E., Grand Rapids
Reardon, Mrs. Daniel F.....2134 Clover Dr. N.W., Grand Rapids
Reed, Mrs. Torrence....1058 Orchard S.E., Grand Rapids
Reus, Mrs. Wm. F.....334 Hobart S.E., Grand Rapids
Riekse, Mrs. James M.....437 Hoyt S.E., Grand Rapids
Rigterink, Mrs. John W.....1291 Cambridge S.E., Grand Rapids
Riley, Mrs. Geo. L.....1651 Stoddard N.E., Grand Rapids
Robb, Mrs. Chas. S...977 Gladstone S.E., Grand Rapids
Robbert, Mrs. John H...3813 Omaha S.W., Grand Rapids
Rodgers, Mrs. Wm. S.....2865 Lake Dr. S.E., Grand Rapids
Rooks, Mrs. Wendel H.....1158 Nixon N.W., Grand Rapids
Rosenweig, Mrs. Leonard.....315 Benjamin S.E., Grand Rapids
Roth, Mrs. Emil M.....2414 Fulton Rd. E., Grand Rapids
Ryan, Mrs. John A.....1707 Wealthy S.E., Grand Rapids

Sharda, Mrs. Martin.....916 Alger S.E., Grand Rapids
Schaubel, Mrs. Howard J.....728 Cambridge Blvd. S.E., Grand Rapids
Schek, Mrs. Donald C.....2511 Micheal S.W., Grand Rapids
Schlosser, Mrs. Ralph.....7840 Conservation Rd., Ada
Schumacher, Mrs. Earl E., Jr.....2456 Beechwood S.E., Grand Rapids
Scott, Mrs. Wm. B.....1300 Benjamin S.E., Grand Rapids
Seime, Mrs. Reuben.....617 Plymouth Rd. S.E., Grand Rapids
Sevensma, Mrs. Eugene S., Sr...2114 Anderson Dr. S.E., Grand Rapids
Sevensma, Mrs. Eugene S.....1735 Westlane N.E., Grand Rapids
Sevey, Mrs. Leon E...1145 Benjamin S.E., Grand Rapids
Sheehan, Mrs. E. Gregg....70 Arthur N.E., Grand Rapids
Shellman, Mrs. Millard W.....3152 Brentwood Dr. S.E., Grand Rapids
Sidell, Mrs. Richard.....927 Princeton Blvd. S.E., Grand Rapids

Siebers, Mrs. Bernard H.....988 Maryland N.E., Grand Rapids
Slemons, Mrs. C. C.....530 Morris S.E., Grand Rapids
Sluyter, Mrs. J. S.....839 Iroquois, Grand Rapids
Smith, Mrs. A. B.....1434 Byron S.E., Grand Rapids
Smith, Mrs. Dean B.....2501 Maplewood S.E., Grand Rapids
Smith, Mrs. Robt. B.....1445 Breton S.E., Grand Rapids
Snapp, Mrs. Carl F.....314 Madison S.E., Grand Rapids
Snider, Mrs. John D.....2130 Godwin S.E., Grand Rapids
Snyder, Mrs. Clarence H.....3250 O'Brien Rd. S.W., Grand Rapids
Southwick, Mrs. Christopher.....760 San Jose S.E., Grand Rapids
Southwick, Mrs. George H.....1935 San Lu Rae S.E., Grand Rapids
Spencer, Mrs. Herbert H.....2559 Albert Dr. S.E., Grand Rapids
Steffenson, Mrs. Wallace H.....443 Plymouth S.E., Grand Rapids
Stonehouse, Mrs. G. G.....208 Pioneer Rd. S.E., Grand Rapids
Stoneman, Mrs. Fernly.....3940 E. Prairie, Grandville
Stover, Mrs. Virgil E.....860 Gladstone, S.E., Grand Rapids
Sugiyama, Mrs. Tetsuo.....1006 Hollywood, N.E., Grand Rapids
Swanson, Mrs. Alfred B.....1722 Breton Rd., S.E., Grand Rapids
Swenson, Mrs. Harold C.....1734 Adams, S.E., Grand Rapids
Telego, Mrs. Anthony J.....1016 San Juan, S.E., Grand Rapids
TenHave, Mrs. John.....3515 Brigga Blvd., N.E., Grand Rapids

Tesseinne, Mrs. Arthur J.....425 Cambridge, S.E., Grand Rapids
Teusink, Mrs. J. Harvey.....39 W. Beech St., Cedar Springs
Thompson, Mrs. Edward C.....1401 Breton Rd., S.E., Grand Rapids
Thompson, Mrs. Frank D.....4011 Reeds Lake Blvd., S.E., Grand Rapids
Thomson, Mrs. John W.....2029 Hall, S.E., Grand Rapids
Tidey, Mrs. Marcus B.....7149 Wildermere Dr., Rockford
Tiffany, Mrs. Joseph C.....2322 Jefferson, S.E., Grand Rapids
Torgerson, Mrs. Wm. R.....536 Bevedere Dr., S.E., Grand Rapids
Torgerson, Mrs. Wm. R., Jr.....2639 Hall St., S.E., Grand Rapids
Truog, Mrs. C. Peter.....1470 Briarcliff, Grand Rapids

Uthoff, Mrs. Carl W.....2760 Lake Dr., S.E., Grand Rapids

VanBree, Mrs. Raymond S.....1521 Ridgewood, S.E., Grand Rapids
VandenBerg, Mrs. Allison.....1120 Cambridge, S.E., Grand Rapids
VandenBerg, Mrs. Henry J.....2933 Bonnell Rd., S.E., Grand Rapids
VandenBerg, Mrs. Wm. O.....2930 Oak Hollow, S.E., Grand Rapids
VanderMolen, Mrs. John.....1805 Diamond, S.E., Grand Rapids
VanderPloeg, Mrs. Wm. H.....965 Rosewood Dr., S.E., Grand Rapids
VanderVeer, Mrs. Corwin G.....841 Edna, S.E., Grand Rapids
VanDommelon, Mrs. Glenn M.....1500 Burke, N.E., Grand Rapids
VanDuine, Mrs. Henry J.....414 Brookside, S.E., Grand Rapids
VanGoor, Mrs. Korneius.....2547 Willard, S.E., Grand Rapids
VanNoord, Mrs. Gelmer A.....6850 S. Division, Grand Rapids

VanWoerkom, Mrs. Daniel.....1946 Lake Michigan Dr., N.W., Grand Rapids
VanZwalenberg, Mrs. Benj. R.....2054 Anderson Dr., S.E., Grand Rapids
Veldman, Mrs. Harold E.....2447 Oakwood, N.E., Grand Rapids
Venema, Mrs. Jay R.....540 Overbrook, S.E., Grand Rapids
Voss, Mrs. John A.....1625 W. Kentview, N.E., Grand Rapids
Wahby, Mrs. Elmer F.....2127 Wilshire Dr., S.E., Grand Rapids
Waterman, Mrs. Donald F.....4221 Edinburg, S.E., Grand Rapids
Webb, Mrs. Clarence F.....250 Grenwich, N.E., Grand Rapids
Weller, Mrs. Keith E.....934 Rosewood, S.E., Grand Rapids
Wells, Mrs. Merrill.....2716 Bonnell, S.E., Grand Rapids
Wenger, Mrs. A. V.....132 Grand, N.E., Grand Rapids
Wenger, Mrs. John N.....112 Eastmanville, Coopersville
Westerhoff, Mrs. Robt. J.....2458 Maplewood, S.E., Grand Rapids
Whitehouse, Mrs. John.....1201 Colorado, S.E., Grand Rapids
Whittenberger, Mrs. Robt.....740 Kent Hills Rd., N.E., Grand Rapids
Wilderom, Mrs. Morris.....R.R. #2, Ada
Wilkes, Mrs. John B.....311 Aurora, S.E., Grand Rapids
Wilkinson, Mrs. Charles A.....2422 Maplewood, S.E., Grand Rapids
Williams, Mrs. John R.....1111 Conlon, S.E., Grand Rapids
Willits, Mrs. Paul W.....337 Manhattan, S.E., Grand Rapids
Wilson, Mrs. John.....703 Stobel, N.W., Grand Rapids
Winter, Mrs. Gerritt E.....2316 Jefferson Dr., S.E., Grand Rapids
Wyngarden, Mrs. Martin K.....1333 Philadelphia, S.E., Grand Rapids
Zwemer, Mrs. Rodger J.....1420 Rossman, S.E., Grand Rapids

LAPEER COUNTY

Bishop, Mrs. Clare.....Almont
Boruch, Mrs. Leon R.....834 Liberty St., Lapeer
Buchanan, Mrs. Thomas K.....182 Melanie, Imlay City
Burley, Mrs. David H.....Almont
Chapin, Mrs. Clarence D....4727 Pine St., Columbiaville
Conaway, Mrs. Charles E.....746 N. Monroe, Lapeer
DesJardins, Mrs. Elaine.....307 Washington, Lapeer
Dorland, Mrs. Clarke.....211 Lincoln, Lapeer
Doty, Mrs. James R.....1335 N. Monroe, Lapeer
Greavu, Mrs. Cornell, Jr.....North Branch
Heitsch, Mrs. Wm. C.....892 S. Saginaw, Lapeer
House, Mrs. Clifford L.....1026 N. Madison, Lapeer
Hunter, Miss Mary E.....1091 Pine, Lapeer
Kiehler, Mrs. E. G., II.....1608 Peppermill Rd., Lapeer
Lundgren, Mrs. Margaret.....450 Cedar St., Lapeer
McBride, Mrs. John R.....914 Liberty St., Lapeer
Rehn, Mrs. Adolph T.....Drawer A, Lapeer
Smith, Mrs. Glenn L.....6522 Imlay City Rd., Imlay City
Snowman, Mrs. Lynna.....306 N Main, Lapeer
Thomas, Mrs. Lucille.....Huron St., North Branch
Thompson, Mrs. May F.....243 Clay St., Lapeer
Zemmer, Mrs. Harry B.....3634 Hannamon Rd., Columbiaville
Zolliker, Mrs. Carl R.....Drawer A, Lapeer

LENAWEE COUNTY

Abraham, Mrs. Arnold.....305 S. Church St., Hudson
Allen, Mrs. Russell.....R.R. #4, Adrian
Benz, Mrs. Carl A.....R.R. #4, Adrian
Berghius, Mrs. John.....347 Budlong, Adrian
Blanchard, Mrs. Lowell E.....224 Seward St., Hudson
Blanden, Mrs. M. R.....5140 E. Monroe Rd., Tecumseh
Boyd, Mrs. James.....38 Westwood Dr., Adrian
Claxton, Mrs. W. T.....136 W. Chicago, Britton
Coak, Mrs. Richard D.....208 W. Chicago Blvd., Tecumseh
Cook, Mrs. Carlton L.....740 N. Union St., Tecumseh
Dustin, Mrs. Richard E.....309 N. Union St., Tecumseh
Eddy, Mrs. Howard.....476 N. Scot St., Adrian
Gilkey, Mrs. Wm.....311 Budlong, Adrian
Gilmartin, Mrs. Richard.....203 Canterbury, Adrian
Hamilton, Mrs. J. D.....1360 Oregon Rd., Adrian
Hammell, Mrs. Richard T.....611 N. Evans, Tecumseh
Hinshaw, Mrs. Warren.....950 Riverside Dr., Adrian
Marsh, Mrs. R. G. B.....610 W. Logan St., Tecumseh
Patmos, Mrs. Bernard.....4500 Evergreen Dr., Adrian
Phelan, Mrs. Alvin J.....405 Seneca St., Tecumseh
Rogers, Mrs. J. D.....1232 W. Maple Ave., Adrian
Sarapo, Mrs. Donato.....115 E. Michigan St., Adrian
Stewart, Mrs. Landis.....214 E. Butler, Adrian
Whitehouse, Mrs. K. H.....128 S. Summitt, Morenci

LIVINGSTON COUNTY

Barton, Mrs. Thomas A.....100 Lucy Rd., Howell
Hauer, Mrs. R. F.....Box 158, Fowlerville
Hendren, Mrs. J. J.....730 E. Grand River, Fowlerville
Higby, Mrs. Thomas F.....Box 156, Fowlerville
Hill, Mrs. Harold C.....320 Madison St., Howell
Hoffman, Mrs. S. L.....417 Maple St., Howell
Huntington, Mrs. Harry G.....219 S. Walnut St., Howell
May, Mrs. L. E.....420 Riddle St., Howell
McGregor, Mrs. Archie J.....995 Maple St., Brighton
Polack, Mrs. Robt. T.....221 Fowler St., Howell
Sigler, Mrs. Hollis G.....809 N. Michigan, Howell
Smith, Mrs. Russell F.....Whitmore Lake
Wadlund, Mrs. Robt. R.....111 Caledonia, Howell
Walker, Mrs. Enos S.....4485 Cordley Lake Rd., Lakeland
Woodworth, Mrs. Edwin S.....433 Caledonia, Howell

MACOMB COUNTY

Audretsch, Mrs. Frank E.....36275 Alfred St., New Baltimore
Banting, Mrs. O. Fenton.....Main St., Richmond
Barker, Mrs. John G.....22420 Statler Blvd., St. Clair Shores
Bower, Mrs. Allen B.....Armada
Bryce, Mrs. James W.....22476 Lange, St. Clair Shores
Buckley, Mrs. Daniel.....160 S. Walnut, Mt. Clemens
Collon, Mrs. David.....217 W. St. Clair, Romeo
Charbeneau, Mrs. Patrick.....226 Wellington Crescent, Mt. Clemens

Corbett, Mrs. John.....22924 Edgewood, St. Clair Shores
Croman, Mrs. Jos. M., Jr.....131 Market St., Mt. Clemens
Curatolo, Mrs. Victor.....28 Breitmeyer Pl., Mt. Clemens
Deal, Mrs. Harold..80 S. Edgewood, Grosse Pointe Shore
DePaulis, Mrs. Dario....21363 Winshall, St. Clair Shores
Dudzin, Mrs. Edmund J.....36818 E. Main, New Baltimore
Ebner, Mrs. Charles M.....22925 Colony, St. Clair Shores
Engels, Mrs. John A.....36050 Friday St., Richmond
Finn, Mrs. J. W.....36054 Carlisle, Mt. Clemens
Goldman, Mrs. Bernard.....245 Esplanade, Mt. Clemens
Hartmann, Mrs. Waldemar B.....43481 N. Gratiot, Mt. Clemens
Heine, Mrs. Austin W.....38567 Riverside Dr., Mt. Clemens
Jankoska, Mrs. Richard.....38222 Apple Grove Ct., Mt. Clemens
Kane, Mrs. John.....38288 Harper, Mt. Clemens
Kane, Mrs. Peter.....38221 Shana Dr., Mt. Clemens
Kane, Mrs. Wm.....171 North, Mt. Clemens
Kirker, Mrs. J. Gilmore.....68259 Main, Richmond
Lapp, Mrs. Charles.....5752 Dickerson, Detroit
Maguire, Mrs. Andrew H.....45463 Van Dyke, Utica
Matthews, Mrs. Christian E.....135 Riverside Dr., Mt. Clemens
Maxim, Mrs. Edward....34140 Jefferson, St. Clair Shores
Merritt, Mrs. Jule.....23644 Demley, Mt. Clemens
Moore, Mrs. George F.....20 Kendrick, Mt. Clemens
Mulligan, Mrs. Philip T.....59 Ahrens, Mt. Clemens
Nance, Mrs. Marion E.....18501 Woodbine, Fraser
Peltier, Mrs. Stanley J.....151 North, Mt. Clemens
Persson, Mrs. G. A.....198 S. Gratiot, Mt. Clemens
Reitzel, Mrs. Rufus H.....1 Breitmeyer Pl., Mt. Clemens
Reizen, Mrs. Maurice.....10564 Ludlow, Huntington Woods
Rickman, Mrs. Lewis D.....10 Howard St., Mt. Clemens
Rivard, Mrs. Charles.....32926 Jefferson, St. Clair Shores
Rivkin, Mrs. Joseph.....18717 Pennington, Detroit
Rousseau, Mrs. Daniel L.....124 Belleview, Mt. Clemens
Ryan, Mrs. Jack.....2214 Beverly Blvd., Berkley
Salot, Mrs. Russell F.....11 Breitmeyer Pl., Mt. Clemens
Scher, Mrs. Joseph.....130 Belleview, Mt. Clemens
Scher, Mrs. Sydney.....39740 Cove, Mt. Clemens
Siegfried, Mrs. Edward G.....77 Scott Blvd., Mt. Clemens
Sims, Mrs. Wm.....18960 Kappa Dr., Mt. Clemens
Singer, Mrs. Nelson.....15751 Charles Rd., East Detroit
Smith, Mrs. Milton C.....117 Lodewyck, Mt. Clemens
Stepka, Mrs. Walter.....45294 Hecker, Utica
Strempek, Mrs. Walter.....8610 Pippin, Romeo
Stryker, Mrs. Oscar D.....31032 Jefferson Ave., St. Clair Shores
Stubbs, Mrs. Clayton.....126 S. Gratiot, Mt. Clemens
Stubbs, Mrs. Harold W.....29240 Grandview, Mt. Clemens
Suksta, Mrs. Adolph.....22454 Rio Vista, St. Clair Shores
Suzuki, Mrs. Mac.....14231 Oak Park Blvd., Oak Park
Tinkey, Mrs. L. Leo.....23336 Westbury Dr., St. Clair Shores
Ullrich, Mrs. Russell W.....421 Robertson, Mt. Clemens
Whitley, Mrs. Alec.....21707 Erben, Mt. Clemens
Wiley, Mrs. D. Bruce.....45223 Cass Ave., Utica
Wolfson, Mrs. Victor.....272 Riverside Dr., Mt. Clemens
Wyte, Mrs. Wm.....38616 Lake Shore Dr., Mt. Clemens
Zook, Mrs. Gilbert E.....153 S. Highland, Mt. Clemens

MARQUETTE-ALGER COUNTIES

Amelsch, Mrs. Arthur.....312 Pine, Marquette
Bennett, Mrs. Matthew.....409 E. Ohio, Marquette
Bolitho, Mrs. T. Boyd.....Birch Grove, Marquette
Bottom, Mrs. C. N.....624 N. Third, Marquette
Carter, Mrs. James M.....1417 Norway, Marquette
Casler, Mrs. Wilbur L.....127 E. Ridge, Marquette
Conley, Mrs. Donal T.....201 W. Nicolet, Marquette
Cooperstock, Mrs. M.....402 E. Ridge, Marquette
d'Adesky, Mrs. Raymond.....Nicolet, Marquette
Drury, Mrs. Charles P.....414 E. Hewitt, Marquette
Elzinga, Mrs. Eugene.....415 E. Hewitt, Marquette
Erickson, Mrs. A. W.....621 N. Fourth, Ishpeming
Hettle, Mrs. Paup J.....337 E. Hewitt, Marquette
Hornbogen, Mrs. D. P.....320 Cedar, Marquette
Howe, Mrs. Lloyd W.....453 E. Michigan, Marquette
Huffman, Mrs. E. R.....1515 Lincoln, Marquette
Knutson, Mrs. George D.....120 Main, Negaunee
Lambert, Mrs. Warren C.....347 E. Ridge, Marquette
Lindquist, Mrs. Leo A..... .119 E. Magnetic, Marquette
Lyons, Mrs. James W.....Lakewood, Marquette
Markham, Mrs. Isabel.....401 N. Fourh, Marquette
Matthews, Mrs. Norman L.....807 W. Kaye, Marquette
Narotzky, Mrs. Archie S.....628 E. Ridge, Ishpeming
Rosenbaum, Mrs. Louis.....2004 Deer Lake, Marquette
Sabin, Mrs. Fred C.....Cedar, Marquette
Schultz, Mrs. Marvin H.....323 E. College, Marquette
Stein, Mrs. Paul G.....Harvey, Marquette
Swinton, Mrs. A. L.....430 E. Arch, Marquette
Youngquist, Mrs. L. L.....528 E. Arch, Marquette
Wright, Mrs. K. Charles.....3156 Lake Shore Blvd., Marquette

MASON COUNTY

Bacon, Mrs. Herbert G.....125 W. State St., Scottville
Boldyreff, Mrs. Ephraim B.....Custer
Boon, Mrs. A. Floyd.....203 N. Ferry St., Ludington
Clark, Mrs. Harry.....501 N. Lakeshore Dr., Ludington
Craymer, Mrs. Austin.....420 N. Rath Ave., Ludington
Dykstra, Mrs. Charles.....108 E. State St., Scottville
Garneau, Mrs. Robt.....606 N. Gaylord Ave., Ludington
Goulet, Mrs. Leo.....N. Washington Ave., Ludington
Hoffman, Mrs. Howard B.....604 E. Ludington Ave., Ludington
Martin, Mrs. W. S.....107 W. Ludington Ave., Ludington
Ostrander, Mrs. Robt.....Lakewood Dr., Lundington
Paukstis, Mrs. Charles A..... .502 N. Lakeshore Dr., Ludington
Scott, Mrs. Gertrude.....806 Brother St., Ludington
Spencer, Mrs. C. M.....Scottville
Sutter, Mrs. Wm. F.....806 Dexter St., Ludington
Switzer, Mrs. G. A.....302 Lakeshore Dr., Ludington

MECOSTA-OSCEOLA-LAKE COUNTIES

Bruggema, Mrs. Jacob.....Evart
Campbell, Mrs. J. B.....320 Division, Big Rapids
Chess, Mrs. Leo.....417 W. Upton, Reed City
Franklin, Mrs. Benjamin.....Remus
Haldeman, Mrs. Jack.....228 S. Warren, Big Rapids
Hickox, Mrs. Leland A.....312 S. Warren, Big Rapids
Ivkovich, Mrs. Paul.....108 E. Upton, Reed City
Kazmers, Mrs. E.....Lakeview

Kilmer, Mrs. Paul.....350 W. Upton, Reed City
Kowaleski, Mrs. Edward.....Remus
Marsten, Mrs. Leo L.....Lakeview
Nelson, Mrs. Lorenzo.....Baldwin
Tyson, Mrs. James.....325 Mecosta, Big Rapids
Van Auken, Mrs. Edward.....115 N. Stewart, Big Rapids
Walters, Mrs. Mames E.....624 Michigan, Big Rapids
White, Mrs. John A.....123 Cedar, Big Rapids
Yoe, Mrs. Gordon.....309 Rust, Big Rapids

MENOMINEE COUNTY

Agneberg, Mrs. Nils.....221 First St., Menominee
Brukardt, Mrs. Herman.....714 14th St., Menominee
Clay, Mrs. Joel.....1031 First St., Menominee
Dewane, Mrs. Francis....1409 Fourteenth St., Menominee
Flanagan, Mrs. Clarence.....915 Eleventh St., Menominee
Glickman, Mrs. Grant.....1603 32nd St., Menominee
Gonty, Mrs. Arthur.....Frontenac Beach, Menominee
Heidenreich, Mrs. John.....Daggett
Jones, Mrs. William.....101 Fifteenth St., Menominee
Jones, Mrs. William, Jr.....1834 First St., Menominee
Kerwell, Mrs. Karm.....Stephenson
Olson, Mrs. Robert.....1713 22nd St., Menominee
Peterson, Mrs. Allan R.....Daggett
Rogers, Mrs. Raymond....3213 Sixteenth St., Menominee
Towey, Mrs. John.....Pinecrest Sanatorium, Powers
Whitmarsh, Mrs. Thomas.....Stephenson

MIDLAND COUNTY

Ashcom, Mrs. Richard.....15 Dartmoor, Midland
Ballmer, Mrs. Robert.....1111 W. Sugnet, Midland
Bernier, Mrs. Joseph.....Box 26, Sanford
Blackhurst, Mrs. J. Frederick....4506 Hampshire, Midland
Blackhurst, Mrs. Robert.....Valley Drive, Midland
Bowsher, Mrs. Robert.....1227 W. Sugnet, Midland
Bridge, Mrs. Robert Glen.....3600 Boston St., Midland
Buskirk, Mrs. Maurice.....310 W. Nelson, Midland
Carsons, Mrs. Ada.....1414 Sugnet Rd., Midland
Chenoweth, Mrs. Maynard.....3066 E. Gordonville Rd., Midland
Cook, Mrs. William.....1104 W. Park Drive, Midland
Devlin, Mrs. James.....4300 Washington, Midland
Fields, Mrs. Dozier.....515 W. Main, Midland
Gay, Mrs. Harold.....Coleman
Giering, Mrs. Charles.....3703 Hillgrove Ct., Midland
Gordon, Mrs. Harold.....1423 Clover Ct., Midland
Grant, Mrs. Robert.....210 E. Sugnet, Midland
Gronemeyer, Mrs. William.....1009 St. Andrews Dr., Midland
Hefferman, Mrs. Daniel....1213 E. St. Andrews, Midland
High, Mrs. Charles.....3115 Isabella Rd., Midland
Holder, Mrs. Benjamin.....534 Woodcock, Midland
Howe, Mrs. Irvin.....1115 W. Sugnet, Midland
Howell, Mrs. Richard.....3418 Applewood, Midland
Ittner, Mrs. Martin.....509 W. Sugnet, Midland
Kaasa, Mrs. Laurin.....2011 Ashman, Midland
Landsborough, Mrs. Hester.....127 W. Nelson, Midland
Linsemann, Mrs. Karl.....2604 Manor Dr., Midland
Marks, Mrs. V. A.....4405 Hampshire, Midland
Maynard, Mrs. William.....Star Route, Sanford
Meisel, Mrs. E. H.....413 Lingle Lane, Midland
Moench, Mrs. G. Frederick.....Center St., Sanford
O'Hora, Mrs. Bernard.....3801 Applewood, Midland
Pike, Mrs. Melvin.....220 W. Nelson, Midland
Pollock, Mrs. Robert.....4202 Berkshire Ct., Midland
Poznak, Mrs. Leonard.....1411 Crane Ct., Midland
Randolph, Mrs. Stephen.....410 Jerome, Midland
Redmon, Mrs. William.....1308 Airfield Lane, Midland
Schoff, Mrs. Charles.....2708 Glendale, Midland
Shriner, Mrs. John.....1524 Airfield Lane, Midland
Sherk, Mrs. Joseph.....161 Revere, Midland
Ulmer, Mrs. George Boyd.....5714 Leeway Dr., Midland
Willison, Mrs. Charles.....3812 Greenfield Ct., Midland
Yobst, Mrs. James.....123 W. Nelson, Midland

MONROE COUNTY

Barker, Mrs. Vincent L.....104 W. Noble, Monroe
Barrett, Mrs. Clarence D.....2133 Hollywood, Monroe
Blakey, Mrs. Leonard C.....330 Godfroy, Monroe
Bond, Mrs. William W.....475 Hollywood, Monroe
Burroughs, Mrs. J. J.....322 S. Macomb, Monroe
Cigany, Mrs. Z. B.....Carleton
Douglas, Mrs. D. W.....151 Hollywood, Monroe
Dranginis, Mrs. E. J.....3085 Detroit Beach, Monroe
Flanders, Mrs. J. P.....1434 Hurd Rd., Monroe
Frary, Mrs. R. A.....505 Stratsburg Rd., Monroe
Freud, Mrs. J. W.....212 Hollywood, Monroe
Hnatchuck, Mrs. N.....Petersburg
Hunter, Mrs. M. A.....12250 Lakeshore, North Shores, Lasalle
Kelso, Mrs. S. N.....336 Cole Rd., Monroe
Laboe, Mrs. E. W.....224 Hollywood, Monroe
Lammers, Mrs. Gerald.....Ida
Loan, Mrs. George B.....1043 Riverview Ave., Monroe
Long, Mrs. E. C.....715 Hollywood, Monroe
McDonald, Mrs. T. A.....467 Hollywood, Monroe
McMillan, Mrs. J. H.....116 Hollywood, Monroe
Meier, Mrs. W. A.....306 S. Macomb, Monroe
Middleton, Mrs. W. S.....427 Hollywood, Monroe
Reisig, Mrs. A. H.....430 Hollywood, Monroe
Sanger, Mrs. E. J.....716 Hollywood, Monroe
Siffer, Mrs. J. J.....32 S. Macomb, Monroe
Sisman, Mrs. B.....524 Hollywood, Monroe
Streicher, Mrs. R. G.....212 Maywood, Monroe
Tomlinson, Mrs. L. H.....Newport (Monroe)
Wagar, Mrs. S. H.....711 Hollywood, Monroe
Weeks, Mrs. V. L.....417 E. Elm, Monroe
Wilkins, Mrs. R. W.....4941 W. Albain, Monroe
Williams, Mrs. R. J.....39 E. Elm, Monroe

MUSKEGON COUNTY

Alt, Mrs. Wm.....2315 Southwood, Muskegon
Askam, Mrs. Ralph.....Ritter Hills-Nob Hill Dr., Muskegon
Bolthouse, Mrs. Robert.....1641 Jefferson, Muskegon
Bond, Mrs. Wm.....1724 Peck St., Muskegon
Benedict, Mrs. Arthur.....1633 Clinton, Muskegon
Bloom, Mrs. Robert.....1440 Winchester, Muskegon
Bradshaw, Mrs. Park.....636 Ruddiman, North Muskegon

Bultema, Mrs. James.....4078 Highgate, Muskegon
Busard, Mrs. R. I.....3910 Highgate, Muskegon
Christophersen, Mrs. James.....1276 Lake Shore Drive, Muskegon
Clapp, Mrs. Henry.....1581 Glen Ave., Muskegon
Closz, Mrs. Harold.....1727 Jefferson, Muskegon
Clowater, Mrs. Robert.....709 Lake Drive, North Muskegon
Crawford, Mrs. John.....876 W. Seminole, Muskegon
DeLeeuw, Mrs. Henry.....4090 Highgate, Muskegon
Dykhuezen, Mrs. Harold.....962 Mona Brook Road, Muskegon
Ellis, Mrs. Nicholas J.....1408 Lexington, Muskegon
Farmer, Mrs. John.....483 Ruddiman, North Muskegon
Fleishman, Mrs. Norman.....1310 Moulton, North Muskegon
Fles, Mrs. Robert.....1713 Sanford, Muskegon
Folsom, Mrs. John.....2488 Pinegrove, Muskegon
Frandsen, Mrs. Phillip.....1714 Leahy, Muskegon
Fugate, Mrs. Edward.....3484 Osceola Drive, Muskegon
Garber, Mrs. Frank.....703 Ruddiman, North Muskegon
Garrison, Mrs. Robert.....556 Houston, Muskegon
Gillard, Mrs. James.....Bradley St., Muskegon
Griffith, Mrs. Robert.....1323 Fourth St., Muskegon
Hack, Mrs. Donald....3875 Lake Harbor Road, Muskegon
Hanley, Mrs. Wm.....4104 Harbor Point Dr., Muskegon
Harryman, Mrs. James.....1694 Jefferson, Muskegon
Hartwell, Mrs. Shattuck.....644 Lake Drive, North Muskegon
Heneveld, Mrs. Edward.....82 W. Dale, Muskegon
Heneveld, Mrs. Robert.....1458 Montague, Muskegon
Herald, Mrs. Osbie.....2313 Baker, Muskegon Heights
Holly, Mrs. Leland....3349 Scenic Drive, North Muskegon
Holly, Mrs. Leland II..3183 Scenic Dr., North Muskegon
Hopkins, Mrs. James.....2455 Winchester, Muskegon
Hornbeck, Mrs. Wm.....2321 Hadden, Muskegon
Jesson, Mrs. Robert.....Loomis Drive, Muskegon
Johnston, Mrs. Everett H.....614 Pinewood, North Muskegon
Joistad, Mrs. Arthur....Mid Oak Drive, North Muskegon
Kane, Mrs. Thomas.....1185 Scenic Drive, Muskegon
Kerr, Mrs. Howard.....2378 Hadden, Muskegon
Kislov, Mrs. Richard.....2452 Pinegrove, Muskegon
Kleaveland, Mrs. Justin.....654 Wendover, Muskegon
LeFevre, Mrs. Wm.....3033 Scenic Dr., North Muskegon
Lauretti, Mrs. Emil.....1693 Jefferson, Muskegon
Laurin, Mrs. Vilda.....3319 Scenic Dr., North Muskegon
Loder, Mrs. Lewis.....Circle Drive, North Muskegon
Lowry, Mrs. Robert.....2442 Winchester, Muskegon
Marrs, Mrs. John.....669 Wendover, Muskegon
McNair, Mrs. John.....1595 Glen, Muskegon
Medema, Mrs. Paul.....1661 Clinton, Muskegon
Meengs, Mrs. Marvin.....972 Randall, Muskegon
Miller, Mrs. Phillip.....1652 Jefferson, Muskegon
Mulder, Mrs. Lamburtus.....1918 Henry, Muskegon
Paterson, Mrs. Lester.....3458 Seneca Drive, Muskegon
Peterson, Mrs. William.....4053 Lake Harbor Rd., Muskegon
Pettinga, Mrs. Frank.....4050 Quainton, Muskegon
Prentice, Mrs. Edmund.....2325 Westwood, Muskegon
Price, Mrs. Leonard.....1182 Terrace, Muskegon
Risk, Mrs. Robert.....3980 Highgate, Muskegon
Scholle, Mrs. Norbert.....3844 Highgate, Muskegon
Shebesta, Mrs. Emil.....2342 Westwood, Muskegon
Smith, Mrs. Robert.....Southwood Drive, Muskegon
Stone, Mrs. Max.....1541 Peck St., Muskegon
Stubbart, Mrs. F. James.....1684 Randolph, Muskegon
Swedenburg, Mrs. Robert.....464 Channel Road, North Muskegon
Swenson, Mrs. Leland.....3503 Scenic Drive, North Muskegon
Teifer, Mrs. Charles.....1506 Dawes, Muskegon
Tellman, Mrs. H. Clay.....590 Ranch Road, Muskegon
Tyler, Mrs. William.....1572 Jefferson, Muskegon
Vandervelde, Mrs. Clarence.....4042 Loomis, Muskegon
VanGelder, Mrs. Wm.....626 Cambridge, Muskegon
Wagenaar, Mrs. Edward.....912 Mona Brook Road, Muskegon
White, Mrs. Warren.....1185 Harbor Point Drive, Muskegon
Wiersma, Mrs. Silas.....1357 Peck St., Muskegon
Wildgen, Mrs. Bernard.....975 Seminole Road, Muskegon
Young, Mrs. Malcolm.....697 Garber Road, Muskegon

NEWAYGO COUNTY

Black, Mrs. Benjamin F.....20 N. Darling, Fremont
Crowe, Mrs. Findlay Couttie.....1024 Swain St., White Cloud
DeYoung, Mrs. Jess J.....207 E. Elm, Fremont
Emerick, Mrs. Robert Wood....211 West Maple, Fremont
Geerlings, Mrs. Willis R.....28 E. Oak, Fremont
Geerlings, Lambert John.....6726 Lake Drive, Fremont
Klein, Mrs. John Paul.....40 E. Pine, Fremont
Masters, Mrs. Brooker Lowell.....Route #1, Box 63-A, Fremont
O'Neill, Mrs. John William.....30 N. Gibbs, White Cloud
Paxton, Mrs. Robert E.....221 S. Stewart, Fremont
Pedelty, Mrs. Norman LeRoy.....8537 Spruce, Newaygo
VandenBerg, Mrs. Tunis.....529 Iroquois Dr., Fremont

OAKLAND COUNTY

Abbott, Mrs. Vernon.....111 Illinois, Pontiac
Albert, Mrs. Donald G.....509 W. Bloomfield, Royal Oak
Albrecht, Mrs. Robert.....549 Grixdale, Pontiac
Arena, Mrs. James, Jr.....28691 Somerset Pl., Lathrup Village
Arnkoff, Mrs. Harry.....140 Illinois, Pontiac
Aulic, Mrs. Hal.....5928 Orchard Bend, Birmingham
Baker, Mrs. Robert.....765 N. Woodward, Birmingham
Bannow, Mrs. Robert.....23 Keswick, Bloomfield Hills
Barker, Mrs. Charles....4805 Charing Cross, Birmingham
Barker, Mrs. Howard....490 Martell Dr., Bloomfield Hills
Barrett, Mrs. John.....29424 Bloomfield, Lathrup Village
Bauer, Mrs. Bruce.....29424 Sherry, Madison Heights
Bauer, Mrs. Earnest.....48 Roberts, Hazel Park
Bauer, Mrs. Earnest, Jr.....28708 Hales, Madison Heights
Baylis, Mrs. Shelly.....1761 Schoenith Lane, Bloomfield Hills
Beattie, Mrs. Willard.....314 W. Maplehurst, Ferndale
Beaubien, Mrs. Mark.....460 S. Glenhurst Dr., Birmingham
Beck, Mrs. Otto.....767 Fairfax, Birmingham
Belnap, Mrs. Warren.....4510 Beech Rd., Birmingham
Berger, Mrs. Charles.....19621 Sunnybrook, Lathrup Village
Blakeney, Mrs. James.....17 Utica, Pontiac
Boileau, Mrs. Thornton.....460 Hamilton, Birmingham
Boucher, Mrs. Roman.....5451 Brookdale, Birmingham
Bowers, Mrs. Charles.....199 Barrington, Pontiac
Bradley, Mrs. E. L.....231 Starr, Pontiac
Bradley, Mrs. George.....711 Overhill Rd., Birmingham
Brady, Mrs. Neal.....18628 Devonshire, Beverly Hills
Brown, Mrs. Arnold....3599 Wards Pt. Dr., Orchard Lake
Budd, Mrs. Alexander....440 Lake Park Dr., Birmingham
Burger, Mrs. John.....32055 Telegraph, Birmingham

Burgess, Mrs. Charles.....49 Oxford, Pleasant Ridge
Burke, Mrs. Chauncey.....1123 Glengarry Cir., Birmingham
Byberg, Mrs. Robert....10445 Talbot, Huntington Woods
Cefai, Mrs. Anthony.....42 Miami, Pontiac
Cline, Mrs. Alan.....3637 Shallowbrook Rd., Bloomfield Hills
Cobb, Mrs. Leon.....2378 Maplewood, Pontiac
Cobb, Mrs. Thomas.....4415 Motorway Dr., Pontiac
Cohen, Mrs. Jack.....18019 Greenfield Rd., Detroit
Conner, Mrs. Edward.....3856 S. Millerway, Birmingham
Conrad, Mrs. Cecil....2804 Square Lake Rd., Birmingham
Cooper, Mrs. Edmund.....914 Shirley Dr., Birmingham
Cooper, Mrs. Robt.....26674 Humber, Huntington Woods
Cutler, Mrs. William.....3804 Far Hill Dr., Birmingham
Darling, Mrs. Cyrenes.....Lone Pine Ct., Bloomfield Hills
DeLawter, Mrs. Hilbert.....118 Hickory Grove Rd., Bloomfield Hills
Dobski, Mrs. Edwin.....3350 Eastpointe Lane, Bloomfield Hills
Donnelly, Mrs. William.....1153 James K. Blvd., Pontiac
Dorsey, Mrs. John.....1171 Yosemite, Birmingham
Drew, Mrs. Dale.....2665 Windemere, Birmingham
Dunn, Mrs. Lewis.....18760 San Diego, Lathrup Village
Durak, Mrs. Gerald.....1115 Worthington, Birmingham
Ekelund, Mrs. Clifford.....149 Ottawa, Pontiac 19
Elder, Mrs. Edward.....1922 Wake Robin Rd. R.R. #2, Orchard Lake
Elliott, Mrs. Robert.....524 Mohegan, Birmingham
Endress, Mrs. Zac.....1790 Tiverton, Bloomfield Hills
Ensroth, Mrs. Jack.....2166 Wycliffe, Birmingham
Esslinger, Mrs. John.....4015 W. Orchard Hill Rd., Birmingham
Evseff, Mrs. George.....2685 Amberly, Birmingham
Fink, Mrs. Jerome....4432 Quarton Rd., Bloomfield Hills
Flick, Mrs. John.....31510 Bellvine Trail, Birmingham
Foust, Mrs. Earl.....28145 Lathrup, Lathrup Village
Fox, Mrs. Ralph.....855 Ridgewood, Bloomfield Hills
Furlong, Mrs. Harold.....207 Navajo, Pontiac
Gaensbauer, Mrs. Ferdinand.....207 Illinois, Pontiac
Gariepy, Mrs. Bernard.....312 Park, Royal Oak
Gates, Mrs. Edward.....3211 Allen Rd., Ortonville
Gehring, Mrs. Harold.....17607 Magnolia Parkway, Southfield
Gehringer, Mrs. Norman.....400 Yarmouth, Birmingham
Gell, Mrs. James.....415 Marlborough, Pontiac
Gerls, Mrs. Frank.....536 W. Huron, Pontiac
Gibson, Mrs. Wellington.....216 E. Commerce, Milford
Gill, Mrs. Matthew.....3115 Franklin, R.R. #3, Bloomfield Hills
Gordon, Mrs. Clayton.....1099 Cranbrook Rd., Birmingham
Green, Mrs. Meredith.....517 W. Iroquois, Pontiac
Green, Mrs. Ralph.....24100 Stratford, Oak Park 37
Grekin, Mrs. Thomas.....18699 Muirland, Detroit
Hackett, Mrs. Daniel.....782 Owega Dr., Pontiac
Hague, Mrs. Gilbert.....276 Whittemore, Pontiac
Hasner, Mrs. Robert.....1409 Catalpa Dr., Royal Oak
Henderson, Mrs. James.....768 Oakleigh Dr., Bloomfield Hills
Henderson, Mrs. Worth.....1624 Woodsboro Dr., Royal Oak
Hendren, Mrs. Owen....16 Barbour Lane, Bloomfield Hills
Hoekman, Mrs. Aben.....1740 Hamilton, Pontiac
Hoyt, Mrs. Donald.....7530 Maceday Lk. Rd., Clarkston
Huber, Mrs. Phillip.....1724 Bassett, Royal Oak
Ignatius, Mrs. Aram.....1120 E. 9 Mile Rd., Ferndale
Jacknow, Mrs. Albert.....32227 Albert, Royal Oak
James, Mrs. Robert....3557 Baybrook Dr., Watkins Lake
Karnetz, Mrs. Ruben.....20473 Strathmore, Detroit
Katz, Mrs. Sidney.....17350 Dorset, Detroit
Kay, Mrs. Sherman.....14241 Vernon, Oak Park 37
Keeffe, Mrs. Eugene..468 Williamsbury Dr., Birmingham
Kemp, Mrs. Felix.....85 Barrington, Pontiac
Kemp, Mrs. Lloyd.....1055 Yarmouth, Birmingham
Kendrick, Mrs. Harold.....260 Cherokee, Pontiac
Ketchum, Mrs. Jesse.....4219 Manor Rd., Royal Oak
Koehler, Mrs. William....4416 Far Hill Dr., Birmingham
Kripke, Mrs. Morton.....1918 Massoit, Royal Oak
Kuhn, Mrs. Henry.....497 W. Golden Gate, Detroit
LaCore, Mrs. Ivan.....265 Josephine, Pontiac
Ladd, Mrs. James.....1023 S. Chester, Birmingham
Lahti, Mrs. Paul.....2200 Tottenham, Birmingham
Landry, Mrs. Roy.....3388 Coseyburn, Drayton Plains
Leach, Mrs. Charles.....987 Oakland, Birmingham
Leader, Mrs. Luther.....394 Cranbrook Rd., Bloomfield Hills
Levine, Mrs. Bernard.....25835 Parkwood Dr., Huntington Woods
Lichtwardt, Mrs. Harry.....4805 N. Harsdale, Bloomfield Hills
Lichtwardt, Mrs. John.....164 Maplefield, Pleasant Ridge
Longyear, Mrs. Harold.....2082 W. Long Lake Rd., Bloomfield Hills
Lawery, Mrs. Anthony.....8030 Flaystaff, Union Lake
Lutes, Mrs. Byron.....24360 Westhampton, Oak Park
Lyons, Mrs. Robert.....1917 Bayow Dr. R.R. #2, Orchard Lake
Margulis, Mrs. Ralph.....561 Merritt Lane, Birmingham
Marra, Mrs. John.....1430 Nokomis Dr., Lake Orion
Martin, Mrs. Francis....4170 Newland Dr. W. R.R. #2, Orchard Lake
McConkie, Mrs. James....2425 W. Lincoln, Birmingham
McHugh, Mrs. James.....32205 Eastlady, Birmingham
McInerney, Mrs. Thomas.....2026 Laurome, Royal Oak
McLaughlin, Mrs. John.....595 Kimberly, Birmingham
McNeill, Mrs. Howard.....225 Hickory Grove Rd., Bloomfield Hills
McPhee, Mrs. Edward.....1051 Woodlea, Birmingham
McWhirter, Mrs. Wallace.....952 Washington, Grosse Pointe
Meinke, Mrs. Herman.....817 E. 8 Mile Rd., Hazel Park
Miller, Mrs. Hazen.....1832 Greenleaf, Royal Oak
Miller, Mrs. Sidney.....709 Tottenham Rd., Birmingham
Mimura, Mrs. James.....4894 Haddington, Birmingham
Monroe, Mrs. John.....55 Neome, Pontiac
Montgomery, Mrs. John.....1623 Lloyd, Royal Oak
Nalepa, Mrs. Eugene.....2332 Rutherford Rd., Pontiac
Naz, Mrs. John.....2826 Orangegrove, Waterford
Neafie, Mrs. Charles.....493 Orchard Lake Ave., Pontiac
Niederluecke, Mrs. Donald.....7391 Biscayne Ave., R.R. #2, Milford
Norup, Mrs. John.....1772 Edgewood, Berkley
Nosanchuk, Mrs. Joseph.....197 Cherokee, Pontiac
Olsen, Mrs. Richard..3325 Franklin Rd., Bloomfield Hills
Ott, Mrs. Harold.....1090 Lake Park Dr., Birmingham
Palmer, Mrs. Hayden.....269 Ottawa Dr., Pontiac
Patrick, Mrs. Charles.....3620 Clintonville Rd., Pontiac
Payton, Mrs. Charles.....1002 Pilgrim, Birmingham
Pearce, Mrs. James.....1227 Romney, Birmingham
Pool, Mrs. Robert.....451 N. Eton, Apt. 3, Birmingham
Porter, Mrs. Kenneth..2709 Broadway Blvd., Birmingham
Prather, Mrs. Frank.....701 E. Liberty, Milford
Pridmore, Mrs. John.....493 Tilmore Dr., Pontiac
Prosser, Mrs. Mostynn.....2854 Orangegrove, Waterford
Prust, Mrs. Frank.....3210 Oakhill Dr., Birmingham
Quinn, Mrs. James..2070 W. Valley Rd., Bloomfield Hills
Raynale, Mrs. George.....423 Tooting Lane, Birmingham
Read, Mrs. James.....175 E. Hickory Grove Rd., Bloomfield Hills
Rech, Mrs. Wm.....1568 Welch Rd., Walled Lake
Reid, Mrs. Fred.....18450 Riverside Dr., Birmingham
Reid, Mrs. Robert.....4012 West 13 Mile Rd., Royal Oak
Riggs, Mrs. Harry.....3499 Franklin Rd., Bloomfield Hills
Riker, Mrs. Aaron....4050 Commerce Rd., Orchard Lake, Pontiac
Rowley, Mrs. Laurie..6700 Williams Lake Rd., Waterford
Ruskin, Mrs. David....17072 Geo. Washington, Southfield
Rupp, Mrs. Edson.....202 Crane, Royal Oak
Rush, Mrs. Alva.....4023 Far Hill Dr., Birmingham
Russell, Mrs. Vincent....9 Elm Park Blvd., Pleasant Ridge
Ruva, Mrs. Joseph.....1280 Club Dr., Bloomfield Hills
Sansone, Mrs. Thomas.....2184 Somerset Rd., Pontiac
Schirle, Mrs. Joseph.....330 Lorbetta Lane, Pontiac
Selman, Mrs. John.....2739 Heathfield, Birmingham

Selman, Mrs. Robert..65 Bloomfield Terr. Apts., Pontiac
Sempere, Mrs. Charles.....2225 Avondale, Pontiac
Sewell, Mrs. Geo.....6181 Indianwood Trial, Birmingham
Shadley, Mrs. Maxwell.....94 Ottawa Dr., Pontiac
Sheffield, Mrs. Loren.....4651 Motorway Dr., Pontiac
Sheridan, Mrs. Francis.....1018 Pinehurst, Royal Oak
Simpson, Mrs. John.....1822 Washington, Birmingham
Smith, Mrs. Donald.....135 Wenonah Dr., Pontiac
Smith, Mrs. George.....4032 W. Orchard Hill Dr., Birmingham
Somers, Mrs. Donald.....4205 Valley Forge, Birmingham
Somerville, Mrs. Wm.....145 Cambridge, Pleasant Ridge
Spencer, Mrs. Lloyd.....26939 Huntington, Huntington Woods
Spoehr, Mrs. Eugene..17 Elm Park Blvd., Pleasant Ridge
Spohn, Mrs. Earle.....414 Hendrie Blvd., Royal Oak
Stageman, Mrs. John....6065 Middle Lake Rd., Clarkston
Stahl, Mrs. Harold.....850 Lapeer Rd., Oxford
Stanley, Mrs. Wm.....24 Cambridge Blvd., Pleasant Ridge
Steinberg, Mrs. Norman.....1028 Ardmoor, Birmingham
Stratton, Mrs. Donald.....4367 W. Orchard Hill, Birmingham
Stuecheli, Mrs. Milton....1084 Willow Lane, Birmingham
Sutton, Mrs. Palmer.....30153 Bristol Lane, Birmingham
Touma, Mrs. Alfred.....3 Norwich, Pleasant Ridge
Tuck, Mrs. Raymond.....1153 James K. Blvd., Pontiac
Urwiller, Mrs. Kenneth.....1772 Taunton, Birmingham
Vandenberg, Mrs. Kenneth.....4045 Lakewood, Pontiac
VanZoreren, Mrs. Jay..937 Rock Spring Rd., Birmingham
Virga, Mrs. George.....1602 Cedar Hill, Royal Oak
Wake, Mrs. Douglas.....1406 Woodsboro Dr., Royal Oak
Walser, Mrs. Howard.....1300 Northlawn, Birmingham
Wangner, Mrs. William.....750 Ardmoor, Birmingham
Ward, Mrs. William Paul....6631 Castle Dr., Birmingham
Watson, Mrs. Thomas.....1320 Latham, Birmingham
Weaver, Mrs. Arthur.....3080 Old Orchard Dr., Pontiac
Webber, Mrs. Lynn.....7350 Cooley Lake Rd., Pontiac
Wegrzyn, Mrs. Geo.....2556 Endsleigh Dr., Birmingham
Wendling, Mrs. Dieter..28749 Hollywood Ave., Roseville
Wessel, Mrs. Robert.....2152 Tottenham, Birmingham
Westfall, Mrs. Edwin.....3745 Cumberland Rd., Berkley
White, Mrs. R. Hamilton.....552 Mohegan, Birmingham
Wiant, Mrs. John.....1205 Chesterfield, Birmingham
Wilkinson, Mrs. Arthur....843 Arlington Dr., Birmingham
Williams, Mrs. John.....6570 Commerce Rd., R. #1, Orchard Lake
Willis, Mrs. Robert.....26266 Evelyn Ct., Franklin
Woodward, Mrs. Robert.....2364 Mulberry Rd., Pontiac
Zacheim, Mrs. Herschel.....13102 Talbot, Huntington Woods
Zimmerman, Mrs. Walter..32340 Sylvan La., Birmingham
Zujke, Mrs. Alphonse.....132 Illinois, Pontiac

OTTAWA COUNTY

Arendhorst, Mrs. Wm.....131 E. 31st St., Holland
Beernink, Mrs. E.....Grand Haven
Bloemendaal, Mrs. D. C.....W. Main St., Holland
Boersma, Mrs. Vernon L.....97 E. 30th St., Holland
Bonzelaar, Mrs. Alvin.....888 Allen Dr., Holland
DeYoung, Mrs. Fred.....107 Barber, Spring Lake
DeWitt, Mrs. D.....Grand Haven
Kemme, Mrs. G.....R.R. #3, Zeeland
Kools, Mrs. Willis C.....194 W. 11th St., Holland
Kuipers, Mrs. S. Walter.....93 E. 29th St., Holland
Rypkema, Mrs. Wm.....Gladys St., Grand Haven
Smit, Mrs. George.....129 W. 24th St., Holland
TenHaven, Mrs. Ralph.....Grand Haven
VanAppledorn, Mrs. Chester.....1067 South Shore Dr., Holland
Veenstra, Mrs. Bernard.....116 S. 4th St., Grand Haven
VerDuine, Mrs. John.....1615 Gladys St., Grand Haven
Wells, Mrs. Kenneth.....411 Barber, Spring Lake
Westrate, Mrs. Wm., Sr.....617 State St., Holland
Westrate, Mrs. Wm., Jr.....55 W. 14th St., Holland
Winter, Mrs. John.....726 State St., Holland

SAGINAW COUNTY

Ackerman, Mrs. Gerald L...316 Brockway Place, Saginaw
Albers, Mrs. M. J.....218 Ardussi St., Saginaw
Anderson, Mrs. Wm. K.....845 St. Andrews Rd., Saginaw
App, Mrs. Robert G.....1911 Seminole, Saginaw
Bass, Mrs. Vernon V.....420 Golfview, Saginaw
Bishop, Mrs. H. Mortimer.....28 Benton Rd., Saginaw
Bratrud, Mrs. T. E.....29 W. Hannum Blvd., Saginaw
Brender, Mrs. Frederick.....105 Hubinger, Frankenmuth
Bruggers, Mrs. Lawrence.....204 Ardussi St., Saginaw
Bucklin, Mrs. Robert.....2112 Adams Blvd., Saginaw
Bullington, Mrs. Bert M.....3 Davis Dr., Saginaw
Burnett, Mrs. Quinter M.....1714 Union St., Saginaw
Busch, Mrs. Frank J.....40 E. Hannum Blvd., Saginaw
Butler, Mrs. Milton G.....1400 Hemmeter Rd., Saginaw
Cady, Mrs. Donald J.....2230 Hemmeter Rd., Saginaw
Cady, Mrs. Frederick J.....8590 Gratiot Rd., Saginaw
Cady, Mrs. F. J., Jr.....61 Benton Rd., Saginaw
Cambridge, Mrs. Vernal W.....1219 Fitzhugh St., Saginaw
Cameron, Mrs. Allan K.....1314 S. Jefferson St., Saginaw
Campbell, Lloyd A.....335 Brockway Place, Saginaw
Caumartin, Mrs. Hugh T...1537 S. Washington, Saginaw
Chisena, Mrs. Peter R.....6227 Dixie Hwy., Bridgeport
Claytor, Mrs. Archer A.....3320 Janes Rd., Saginaw
Cortopassi, Mrs. Andre J.....326 S. Washington, Saginaw
Cortopassi, Mrs. V. E.....221 Ardussi St., Saginaw
Cory, Mrs. Charles W.....4 Ardmore Place, Saginaw
Cresswell, Mrs. Thomas.....7210 Cresswell Rd., Saginaw
Curts, Mrs. James.....1 East Hannum Blvd., Saginaw
Davenport, Mrs. Clyde P.....4550 Howley Ct., Saginaw
DeYoung, Mrs. Wm. A.....30 Bretton St., Saginaw
Durman, Mrs. Donald C.....1530 Ottawa Blvd., Saginaw
Ely, Mrs. Cecil W.....3735 Eton St., Saginaw
Farley, Mrs. Albert W.....4470 Brockway, Saginaw
Feeheley, Mrs. Robert D.....1621 Coolidge St., Saginaw
Fleschner, Thomas E...744 W. Birch Run Rd., Birch Run
Gage, Mrs. David P.....134 Borland, Saginaw
Galsterer, Mrs. Edwin C.....417 Brockway Place, Saginaw
Gamon, Mrs. Adam E.....905 N. Michigan, Saginaw
Gardner, Mrs. Joe H.....2503 Adams Blvd., Saginaw
Gerard, Mrs. Roy J.....3450 Adams St., Saginaw
Gilmore, Mrs. Robert D.....246 West Saginaw, Merrill
Goldner, Mrs. Richard D.....8285 Dixie Hwy., Frankenmuth
Gomon, Mrs. Louis D.....16 Edgewood Rd., Saginaw
Goodsell, Mrs. John O.....132 Graham St., Saginaw
Goodwin, Mrs. Jack E.....134 Borland St., Saginaw
Harvie, Mrs. Lloyd C.....417 Ardussi, Saginaw
Heavenrich, Mrs. Robert M.....112 Ardussi St., Saginaw
Hester, Mrs. Eustace G.....2525 Warwick, Saginaw
Hill, Mrs. Victor L.....1270 Hemmeter, Saginaw
Hyslop, Mrs. Wm. T.....2008 Harry St., Saginaw
James, Mrs. John W.....253 Snow St., Saginaw
Jarvi, Mrs. Rudolph M...1125 Washburn Pl. W., Saginaw
Jiroch, Mrs. Ralph S.....722 S. Warren St., Saginaw
Johnstone, Mrs. Kermit.....1050 Fischer Dr., Saginaw
Kerr, Mrs. William B.....1903 N. Bond, Saginaw
Keyes, Mrs. James T.....8152 Main St., Birch Run
Kickham, Mrs. Edward F.....2525 Mershon St., Saginaw
Kolesar, Mrs. Robert G.....320 Ardussi, Saginaw
Kowals, Mrs. Francis V.....1280 Glendale, Saginaw
Kretschmer, Mrs. Thomas V.....700 Remington, Saginaw
Lassignal, Mrs. Jules C.....1587 Delta Drive, Saginaw

Ling, Mrs. Kenneth C.....Hemlock
Lippet, Mrs. Deverous H.....1609 Center Rd., Saginaw
Lohr, Mrs. Oliver W.....614 Madison St., Saginaw
Lohr, Mrs. Thomas O.....325 Superior St., Saginaw
Luger, Mrs. Frederick E.....1970 N. River Rd., Saginaw
Lurie, Mrs. Robert I.....58 Davis Dr., Saginaw
MacKinnon, Mrs. Edwin D.....1616 Court St., Saginaw
Mahaney, Mrs. Thomas P.....212 S. Granger St., Saginaw
Manning, Mrs. J. Edward.....6 Center Woods, Saginaw
Manning, Mrs. John W.....203 Ardussi, Saginaw
Markey, Mrs. Francis L.....824 Sutton, Saginaw
Martzowka, Mrs. Wm. P...2330 Delaware Blvd., Saginaw
Mason, Mrs. William G.....814 N. Fayette, Saginaw
Matthews, Mrs. Harry C.....1621 Lathrup St., Saginaw
Mayne, Mrs. Harold E.....1585 Glendale, Saginaw
McKinney, Mrs. Alexander R.....1403 Howard, Saginaw
Meyer, Mrs. Henry J.....6243 Dixie Hwy., Bridgeport
Miller, Mrs. Glenn F.....2224 Mershon, Saginaw
Moon, Mrs. A. Raymond.....1008 Hancock, Saginaw
Morgrette, Mrs. James.....1286 Avalon St., Saginaw
Mudd, Mrs. Richard D.....1001 Hoyt St., Saginaw
Murphy, Mrs. Albert P.....201 Superior St., Saginaw
Murray, Mrs. Morris J.....1925 Coolidge St., Saginaw
Nelson, Mrs. Oscar A.....1654 Lathrup St., Saginaw
Noble, Mrs. Paul R.....661 Westfield, Saginaw
Northway, Mrs. Robert O.....12 Edgewood Rd., Saginaw
Novy, Mrs. Frank O.....420 S. Jefferson Ave., Saginaw
Olson, Mrs. Carl Porter.....2505 Court St., Saginaw
Ostrander, Mrs. Frank W...281 Washington St., Freeland
Phillips, Mrs. Homer A.....2420 Adams Blvd., Saginaw
Pietz, Mrs. Frederick.....2139 Gratiot, Saginaw
Powers, Mrs. Robert F.....142 Wylie Court, Saginaw
Prather, Mrs. Perry.....2230 Marlou Court, Saginaw
Richards, Mrs. Ned W.....1326 Delta Drive, Saginaw
Richter, Mrs. Harry J.....2305 Adams Blvd., Saginaw
Roggen, Mrs. Ivan.....402 W. Johnson, Zilwaukee
Ruskin, Mrs. David B.....246 Lockwood, Saginaw
Sample, Mrs. John T.....602 Rust, Saginaw
Sargent, Mrs. Donald V.....4680 Ashland Dr., Saginaw
Schneider, Mrs. A. N.....1902 N. Bond, Saginaw
Sharp, Mrs. Martin C.....2202 Barnard, Saginaw
Shek, Mrs. John L.....2618 Court St., Saginaw
Sheldon, Mrs. Suel A.....77 Elmview Ct., Saginaw
Sherman, Mrs. John W.....1642 Hemmeter Rd., Saginaw
Siler, Mrs. Delbert.....47 Ardmore Pl., Saginaw
Skrowronski, Mrs. Casimer A.....1401 E. Genesee Ave., Saginaw
Slack, Mrs. Walter K.....625 S. Jefferson St., Saginaw
Slade, Mrs. Homer G.....1667 S. Washington St., Saginaw
Stahley, Mrs. Edward H.....1900 Coolidge, Saginaw
Stander, Mrs. A. Carl.....1411 Court St., Saginaw
Stewart, Mrs. George W.....4343 State St., Saginaw
Sulfridge, Mrs. Hugh L.....4504 N. River Rd., Freeland
Thompson, Mrs. Arthur B.....2144 Ottawa, Saginaw
Tiedke, Mrs. Gunther E...2339 Delaware Blvd., Saginaw
Toshach, Mrs. Clarence E.....3655 Schust Rd., Saginaw
Toteff, Mrs. Robert.....No. 2 Chippewa Ct., Saginaw
Tramitz, Mrs. Melvin.....3002 Adams, Saginaw
Underhill, Mrs. Wm. G.....214 Trier, Saginaw
Vitu, Mrs. Robert L.....4115 Vera St., Saginaw
Volk, Mrs. Vladimir K.....3340 Hospital Rd., Saginaw
Webb, Mrs. Walter L.....3002 S. Washington, Saginaw
Weiss, Mrs. Arno W.....4710 Ashland Dr., Saginaw
Westlund, Mrs. Norman.....131 S. Charles, Saginaw
Wright, Mrs. Edwin M.....128 Larch, Saginaw
Yntema, Mrs. Stuart.....3 E. Hannum, Saginaw

ST. CLAIR COUNTY

Bailey, Mrs. Robert.....4589 Lakeshore Rd., Port Huron
Banting, Mrs. Kenneth.....3540 Gratiot Ave., Port Huron
Barss, Mrs. Joseph.....2815 Tenth Ave., Port Huron
Battley, Mrs. John.....2038 Military St., Port Huron
Beck, Mrs. Frank.....2906 Military St., Port Huron
Beer, Mrs. Joseph.....711 N. Riverside, St. Clair
Bennett, Mrs. William.....Yale
Borden, Mrs. Charles....4520 Lakeshore Rd., Port Huron
Bottomley, Mrs. Thos.....4996 Lakeshore Rd., Port Huron
Boughner, Mrs. Walter.....325 Pleasant St., Algonac
Bowden, Mrs. William..130 Washington St., Marine City
Bridge, Mrs. Ezra Volk.....416 Edison Blvd., Port Huron
Cantwell, Mrs. John D., Jr...3145 Conger St., Port Huron
Carris, Mrs. Robert.....Algonac
Chafty, Mrs. Mahmoud.....1745 Minnesota, Marysville
Cleland, Mrs. William.....1320 Court St., Port Huron
Clifford, Mrs. Robert.....910 N. Riverside, St. Clair
Clyne, Mrs. Benjamin.....Yale
Coury, Mrs. John, Jr.....4990 Lakeshore Rd., Port Huron
Davison, Mrs. Wm.....2920 Military St., Port Huron
Dinnen, Mrs. Wm.....3202 Riverside Dr., Port Huron
Douvas, Mrs. Nicholas.....4200 Gratiot Ave., Port Huron
Franke, Mrs. Armin.....4021 N. River Rd., Port Huron
Fulton, Mrs. Harold.....3229 Waldheim Dr., Port Huron
Gilmore, Mrs. John Roger.....4830 Lakeshore Rd., Port Huron
Gholz, Mrs. Anthony.....1725 Court St., Port Huron
Hazledine, Mrs. Herbert John.....4406 Gratiot Ave., Port Huron
Holcomb, Mrs. Russell.....141 S. Main St., Marine City
Hoyt, Mrs. Charles.....2548 Military St., Port Huron
Kahn, Mrs. O. B.....Capac
Kirban, Mrs. Harry.....6040 Lakeshore Rd., Port Huron
Kirker, Mrs. Findlay.....1601 N. River Rd., St. Clair
Koch, Mrs. Donald.....4802 Lakeshore Rd., Port Huron
Lauridsen, Mrs. James.....3441 Conger St., Port Huron
Licker, Mrs. Reuben.....215 Gratiot Blvd., Marysville
Ludwig, Mrs. Claud.....3550 Stone St., Port Huron
Ludwig, Mrs. Frederick.....2864 Military St., Port Huron
Lugg, Mrs. Robert.....3023 Gratiot Ave., Port Huron
Mohney, Mrs. Glenn.....4458 Gratiot Ave., Port Huron
Morris, Mrs. Alvin.....816 Sanborn St., Port Huron
Novak, Mrs. Walter.....3150 Waldheim Dr., Port Huron
Patterson, Mrs. Dorsey.....622 Huron Ave., Port Huron
Pollock, Mrs. Donald....5014 Lakeshore Rd., Port Huron
Raftery, Mrs. Michael....3121 E. Village La., Port Huron
Rowe, Mrs. Robert.....3360 West Water St., Port Huron
Sands, Mrs. George.....3227 Gratiot Ave., Port Huron
Selby, Mrs. Clarence.....1916 Military St., Port Huron
Serniac, Mrs. John.....140 S. Main St., Yale
Sites, Mrs. Edgar C.....2704 Military St., Port Huron
Tisdel, Mrs. James.....2557 Military St., Port Huron
Tomsu, Mrs. Glenn.....3180 Gratiot Ave., Port Huron
Townley, Mrs. Charles.....2815 Military St., Port Huron
Treadgold, Mrs. Douglas....2930 Palmer Ct., Port Huron
Ulmer, Mrs. Arthur.....4318 Gratiot Ave., Port Huron
Van Rhee, Mrs. George.....3127 Conger St., Port Huron
Walker, Mrs. Sidney.....5174 Lakeshore Rd., Port Huron
Wass, Mrs. Henry.....923 North Riverside, St. Clair
Yost, Mrs. Kenneth.....3130 Riverside Dr., Port Huron

ST. JOSEPH COUNTY

Berg, Mrs. Lawrence.....106 E. Chicago, Sturgis
Bradley, Mrs. Donald.....428 Burr Oak Rd., Colon
Braham, Mrs. William.....105 N. Lakeview, Sturgis
Brothers, Mrs. Paul.....611 Virginia, Sturgis
Brunson, Mrs. Allen.....Mortimer St., Sturgis
Evans, Mrs. Robert.....105 S. Lakeview, Sturgis
Fiegel, Mrs. S. A.....500 Michigan, Sturgis
Fortner, Mrs. Roscoe.....R.F.D. #1, Constantine

Jacobowitz, Mrs. John.....222 West St., Three Rivers
Lepard, Mrs. Olin.....606 E. Chicago Rd., Sturgis
O'Dell, Mrs. Charles W.....East Hoffman, Three Rivers
O'Dell, Mrs. John.....721 Elm St., Three Rivers
Pengotti, Mrs. Stanley.....402 Centreville, Three Rivers
Porter, Mrs. Clark.....196 E. Michigan, Three Rivers
Schimnoski, Mrs. Donald.....R.F.D. #1, Three Rivers
Shaw, Mrs. George.....R.F.D. #2, Three Rivers
Sheldon, Mrs. John.....610 Cherry St., Sturgis
Smith, Mrs. Robert.....160 Palmer Ave., Colon
Weisheit, Mrs. Heinz.....200 Michigan, Sturgis
Zimont, Mrs. Charles.....465 Clinton, Constantine
Zimont, Mrs. Roy.....435 White Pigeon Rd., Constantine

SANILAC COUNTY

Blanchard, Mrs. Ernest W.....Deckerville
Cripps, Mrs. James.....Marlette
Gift, Mrs. Weldon A.....Marlette
Hart, Mrs. Robert.....Croswell
Jayson, Mrs. Michael.....Marlette
McCrea, Mrs. John W.....Marlette
McGunegle, Mrs. Keate.....Sandusky
Muir, Mrs. Neal.....Croswell
Tweedie, Mrs. Evans G.....Sandusky
Tweedie, Mrs. S. Martin.....Sandusky
Webster, Mrs. John Clyde.....Marlette
Winfield, Mrs. Raymond J.....Marlette

SHIAWASSEE COUNTY

Arnold, Mrs. Alfred L.....Ovid
Austin, Mrs. Eugene S.....1260 Ada St., Owosso
Bach, Mrs. Norman F.....1201 N. Washington St., Owosso
Bjarnesen, Mrs. Walter.....Durand
Brown, Mrs. Richard C.....658 First St., Owosso
Chipman, Mrs. Elwood.....502 W. Williams St., Owosso
Ford, Mrs. Wm. J. A.....1310 Shady Lane Dr., Owosso
Graves, Mrs. James H.....150 South Norton St., Corunna
Harroun, Mrs. Robert V.....205 W. Oliver St., Owosso
Lutton, Robert.....1423 Olmstead St., Owosso
Merz, Mrs. Walter L.....1409 N. Water St., R. #3, Owosso
Moore, Mrs. Phillips J.....Riverbe[illegible] Dr., Owosso
Morin, Mrs. Richard.....Durand
Phillips, Mrs. Roland L.....1208 N. Dewey, Owosso
Pochert, Mrs. Roland C.....1254 N. Shiawassee, Owosso
Richards, Mrs. Chester.....Durand
Sahlmark, Mrs. Joseph F.....1234 Ada St., Owosso
Sauer, Mrs. Peter.....717 N. Water St., Owosso
Slaugh, Mrs. Earl.....Elsie
Weinkauf, Mrs. Wm. F.....415 Mack St., Corunna
Weston, Mrs. Claude L...1226 N. Washington St., Owosso

TUSCOLA COUNTY

Ballard, Mrs. James H.....Cass City
Cook, Mrs. Raymond....1465 W. Seena Court, Essexville
Dickerson, Mrs. Willard W.....Caro State Hosp., Caro
Donahue, Mrs. H. Theron.....Cass City
Flett, Mrs. Richard O.....Millington
Gilbert, Mrs. Donald E.....45 W. Turner, Mayville
Gugino, Mrs. Frank.....Reese
Howlett, Mrs. Robert R.....624 West Frank, Caro
Miles, Mrs. Edward J.....215 West Bush St., Caro
Nigg, Mrs. Herbert L.....308 S. State St., Caro
Savage, Mrs. Lloyd L.....521 West Burnside, Caro

VAN BUREN COUNTY

Boothby, Mrs. Carl F.....Hartford
Boothby, Mrs. Fred M.....Box 218, Lawrence
Copeland, Mrs. Evan.....Decatur
Diephuis, Mrs. Bert.....42 Cass St., South Haven
Dillon, Mrs. T. J.....Paw Paw
Gano, Mrs. Avison.....38 E. Monroe, Bangor
Holm, Mrs. Leo H.....Box 424, Gobles
Johnson, Mrs. Harold.....Paw Paw
Kleber, Mrs. John A.....311 Center St., South Haven
Loomis, Mrs. F. J.....Box 106, Paw Paw
Millard, Mrs. David J.....315 Pine St., Paw Paw
Parks, Mrs. Arthur E.....Lawton
Stagg, Mrs. Adelbert L.....9 N. Maple St., Hartford
Stagg, Mrs. G. Lee.....Hartford
Steele, Mrs. Arthur.....725 N. Kalamazoo, Paw Paw
Ten Houten, Mrs. Chas.....215 N. Kalamazoo, Paw Paw
Urist, Mrs. Martin.....Route #1, South Haven
Young, Mrs. W[illegible]lliam.....Lawton

WASHTENAW COUNTY

Alford, Mrs. Barry H.....14001 Beck Rd., Plymouth
Allen, Mrs. Arthur W.....5 Harvard Pl., Ann Arbor
Bailey, Mrs. Robt. W...1615 S. Stadium Blvd., Ann Arbor
Banghart, Mrs. Norman L.....1250 Ferdon, Ann Arbor
Barlow, Mrs. R. Craig.....2229 Glendaloch, Ann Arbor
Barr, Mrs. Albert S.....1312 Brooklyn Ave., Ann Arbor
Barss, Mrs. Wm. A.....1216 Westmoorland, Ypsilanti
Bassow, Mrs. Paul H...2220 Washtenaw Ave., Ann Arbor
Bauer, Mrs. Gerhard H.....1612 Granger, Ann Arbor
Behrman, Mrs. Samuel J.....2309 Yost, Ann Arbor
Beierwaltes, Mrs. Wm. H.....1885 Fuller Rd., Ann Arbor
Belote, Mrs. G. H.....1710 Morton, Ann Arbor
Bender, Mrs. Leon. F.....480 Huntington Dr., Ann Arbor
Bicknell, Mrs. John N.....1381 Jeffery St., Ypsilanti
Bird, Mrs. H. Waldo....325 Barton Shores Dr., Ann Arbor
Bosch, Mrs. Jan K.....Thorn Apple Lane, Northville
Bostian, Mrs. David W.....1717 Chandler, Ann Arbor
Botch, Mrs. Edmund S.....1055 Chestnut Rd., Ann Arbor
Brewer, Mrs. Wilson K.....4255 Washtenaw Rd., Ann Arbor
Brown, Mrs. Wm. E., III.....1517 Granger, Ann Arbor
Campbell, Mrs. Darrell A...617 Stratford Dr., Ann Arbor
Carron, Mrs. Dean P.....1330 Glendaloch, Ann Arbor
Child, Mrs. Chas. G...3202 North Maple Rd., Ann Arbor
Clyde, Mrs. Ensign.....1246 Sheridan, Plymouth
Coller, Mrs. Frederick A.....2105 Wallingford Rd., Ann Arbor

Crook, Mrs. Clarence E.....2112 Wallingford Rd., Ann Arbor
Cummings, Mrs. Howard H.....1527 Packard St., Ann Arbor
Currier, Mrs. Robert.....1029 Westaire, Ann Arbor
Curtis, Mrs. Arthur C.....1070 Chestnut, Ann Arbor
Curtis, Mrs. Edward.....714 Henry St., Ann Arbor

DeJong, Mrs. Russell N.....1526 Harding, Ann Arbor
DeTar, Mrs. John.....55 W. Main, Milan
DeWeese, Mrs. Marion S.....20 Heatheridge, Ann Arbor
Dillman, Mrs. Richard S.....529 Fifth, Ann Arbor
Doffin, Mrs. Wilbur E.....2210 Melrose, Ann Arbor
Donaldson, Mrs. Samuel W.....2128 Melrose, Ann Arbor
Doorn, Mrs. Henry A.....1110 Miner, Ann Arbor
Dukay, Mrs. Alexander....Ypsilanti State Hosp., Ypsilanti

Eberhard, Mrs. Theodore P.....2210 Hill St., Ann Arbor
Edmunds, Mrs. Wm. F.....1303 Westmoorland, Ypsilanti
Engelke, Mrs. Otto K.....810 Hutchins, Ann Arbor
Evans, Mrs. Tommy N.....1001 Belmont, Ann Arbor
Falls, Mrs. Harold F.....1525 Harding Rd., Ann Arbor
Feldkamp, Mrs. Lee E.....1360 Hartsough, Plymouth
Fink, Mrs. George C.....411 Linda Vista, Ann Arbor
Fisher, Mrs. Joseph V.....415 Washington, Chelsea
Fox, Mrs. Winslow G.....307 Linda Vista, Ann Arbor
Fralick, Mrs. F. Bruce.....2101 Belmont Rd., Ann Arbor
French, Mrs. A. James..409 Mark Hannah Pl., Ann Arbor
Frost, Mrs. Lyle W.....309 N. Washington, Ypsilanti
Frye, Mrs. Carl H.....2025 Hill St., Ann Arbor
Furstenberg, Albert G.....2240 Belmont, Ann Arbor

Ganzhorn, Mrs. Edwin C.....2705 Whitmore Lake Rd., Ann Arbor
Getting, Mrs. Valdo A...1200 Arlington Blvd., Ann Arbor
Goldsmith, Mrs. Robert I.....1211 Prospect, Ann Arbor
Gotz, Mrs. Alexander.....709 Sunset Rd., Ann Arbor
Gould, Mrs. Stuart M.....2030 Hill St., Ann Arbor
Grabb, Mrs. Wm. C.....1310 Pamona Rd., Ann Arbor
Grawn, Mrs. Frank A.....604 Pearl St., Ypsilanti

Hegerman, Mrs. Geo. W.....2124 Tuomy Rd., Ann Arbor
Haight, Mrs. Cameron.....2112 Vinewood, Ann Arbor
Hammond, Mrs. Walt. W., Jr...1312 Maple St., Plymouth
Harrell, Mrs. Everett R.....2112 Copley, Ann Arbor
Harris, Mrs. Bradley M.....206 S. Washington, Ypsilanti
Harris, Mrs. Scott T.....1144 Roosevelt Blvd., Ypsilanti
Henderson, Mrs. John W.....2113 Devonshire, Ann Arbor
Hildebrandt, Mrs. H. Mark.....1223 Morningside Dr., Ann Arbor
Himler, Mrs. Leonard E.....1225 Fair Oaks Pwy., Ann Arbor
Hodges, Mrs. Fred J.....5 Highland Lance, Ann Arbor
House, Mrs. Frederic B.....1240 Crosby Crescent, Ann Arbor
Howard, Mrs. W. Leonard.....47787 W. 8 Mile Rd., Northville
Hubbard, Mrs. Wm.....2601 Brockman Blvd., Ann Arbor

Johnston, Mrs. Franklin D...1761 Westridge, Ann Arbor
Jones, Mrs. John R.....1612 Shadford, Ann Arbor
Joseph, Mrs. Robert.....2520 Dalton Ave., Ann Arbor

Kabza, Mrs. Theo. C.....2222 Parkwood Ave., Ann Arbor
Kambly, Mrs. Arnold.....1075 Country Club Rd., Ann Arbor
Kemper, Mrs. John W.....1312 Brooklyn, Ann Arbor
Kern, Mrs. Wheeler H...24801 Fairmont Dr., Dearborn
Kittleson, Mrs. A. C.....1717 Pontiac Rd., Ann Arbor
Kivi, Mrs. Louis P.....1619 Kirtland, Ann Arbor
Koepke, Mrs. George H...1488 Woodland Dr., Ann Arbor
Korst, Mrs. Donald R.....1214 Pomona St., Ann Arbor

LaFever, Mrs. Sidney L.....2131 Melrose, Ann Arbor
LaVielle, Mrs. Carroll J.....1500 Kirtland Dr., Ann Arbor
Law, Mrs. John L.....1706 Cambridge Rd., Ann Arbor
Lovell, Mrs. Robert G.....725 Sunset Rd., Ann Arbor
Lowry, Mrs. Claude M.....1707 Shadford, Ann Arbor
Magee, Mrs. Kenneth R.....1109 Heatherway, Ann Arbor
Magielski, Mrs. John E.....2355 Londonderry Rd., Ann Arbor

Marshall, Mrs. Mark.....918 Forest Ave., Ann Arbor
Martin, Mrs. Donald W.....212 N. Mansfield, Ypsilanti
Mason, Mrs. Stephen.....1908 Scotwood, Ann Arbor
Maxwell, Mrs. James H.....2139 Melrose, Ann Arbor
McCabe, Mrs. Brian F.....304 Wilton, Ann Arbor
McWilliams, Mrs. John R.....2402 Brockman, Ann Arbor
Milford, Mrs. Albert F.....1203 Whittier Rd., Ypsilanti
Morley, Mrs. George W.....2504 Dorchester, Ann Arbor
Morris, Mrs. Joseph D.....1801 Weldon Blvd., Ann Arbor
Muehlig, Mrs. George.....1520 White St., Ann Arbor

Newton, Mrs. Charles W...2120 Wallingford, Ann Arbor

Obenauf, Mrs. Walter H.....State Hosp., Ypsilanti
O'Connor, Mrs. Gerald A.....1230 Creal Crescent, Ann Arbor
O'Sullivan, Mrs. John A.....3436 Edgewood, Ann Arbor

Papo, Mrs. Michael.....19377 Sibley Rd., Chelsea
Payne, Mrs. Beverly C...245 Orchard Hill Dr., Ann Arbor
Petrohelos, Mrs. Manos A.....2564 Hawthorne, Ann Arbor
Place, Mrs. Edwin H...2616 Hawthorne Rd., Ann Arbor
Pollard, Mrs. H. Marvin.....2012 Vinewood Ave., Ann Arbor
Rae, Mrs. James W.....2401 Geddes Ave., Ann Arbor
Ratliff, Mrs. Rigdon K.....231 Corrie Rd., Ann Arbor
Rehner, Mrs. Robt. C.....1506 Gleden Ave., Ann Arbor
Reichert, Mrs. Rudolph E., Jr...1046 Baldwin, Ann Arbor
Rekshan, Mrs. Wm. R.....47558 N. Shore Dr., Belleville
Riggs, Mrs. Harold W.....2119 Devonshire, Ann Arbor
Ritter, Mrs. Frank N.....930 Duncan, Ann Arbor
Robins, Mrs. Hugh.....715 W. Madison, Apt. #2, Ann Arbor
Robinson, Mrs. Wm. D.....1616 E. Stadium Blvd., Ann Arbor
Ross, Mrs. C. Howard....180 Underdown Rd., Ann Arbor

Saunders, Mrs. Allen.....1008 Pauline Blvd., Ann Arbor
Sayre, Mrs. Geo. S.....1208 Whittier Rd., Ypsilanti
Schneider, Mrs. Richard C.....1101 Pauline Blvd., Ann Arbor
Schoch, Mrs. Henry K.....670 Hampstead La., Ann Arbor
Schumacher, Mrs. Wm. E.....1475 Stein Rd., Ann Arbor
Scoville, Mrs. Henry A.....1313 W. Cross, Ypsilanti
Seevers, Mrs. Maurice H.....620 Oxford Rd., Ann Arbor
Selzer, Mrs. Melvin L.....1856 Stadium Pl., Ann Arbor
Sheldon, Mrs. John M.....2121 Tuomy Rd., Ann Arbor
Sigler, Mrs. Louis E., Jr...1443 Covington Dr., Ann Arbor
Smillie, Mrs. John W.....2615 Overridge Dr., Ann Arbor
Smith, Mrs. Russell F.....12000 E. Shore Dr., Whitmore Lake
Spears, Mrs. Clarence W.....1307 Pearl St., Ypsilanti
Struthers, Mrs. James N. P.....Ypsilanti State Hospital, Box A, Ypsilanti
Sturgis, Mrs. Cyrus C...1316 Beechwood Dr., Ann Arbor
Sweet, Mrs. Robert.....1304 Iroquois, Ann Arbor

Taylor, Mrs. Wm. B.....2520 Devonshire Rd., Ann Arbor
Teel, Mrs. Wallace.....2300 Melrose Ave., Ann Arbor
Thieme, Mrs. E. Thurston..3 Geddes Heights, Ann Arbor
Thompson, Mrs. Alden S.....2432 Dorchester, Ann Arbor
Tourtellotte, Mrs. Wallace.....2264 Manchester Rd., Ann Arbor
Towsley, Mrs. Harry A.....1000 Berkshire Rd., Ann Arbor
Tupper, Mrs. C. John.....2 Medford Ct., Ann Arbor

Vreede, Mrs. Pieter D.....554 Fourth St., Ann Arbor

Waggoner, Mrs. Ray. W.....3333 Geddes Rd., Ann Arbor
Warren, Mrs. Leon Hugh.....826 S. Main St., Ann Arbor
Weisman, Mrs. Raoul.....1408 Wells, Ann Arbor
Westover, Mrs. Charles J...1405 W. Maple St., Plymouth
Wicht, Mrs. Paul J.....1385 W. Michigan Ave., Ypsilanti
Williams, Mrs. Howard R.....609 Stratford, Ann Arbor
Williamson, Mrs. Fred. B.....922 Pleasant Dr., Ypsilanti
Wilson, Mrs. James L.....1801 Hermitage, Ann Arbor
Winkler, Mrs. James M...2015 Crestland Dr., Ann Arbor
Wolfman, Mrs. Earl F., Jr.....827 Bruce St., Ann Arbor
Woods, Mrs. James J.....2022 Washtenaw Rd., Ypsilanti
Wylie, Mrs. Wm. C.....3219 Broad St., Dexter

Zerbi, Mrs. Victor M.....270 Clubview Dr., Ypsilanti

WAYNE COUNTY

Abbott, Mrs. James.....670 Washington, Grosse Pointe 30
Aben, Mrs. Gerald.....285 Biddle, Wyandotte
Adamian, Mrs. Gerald.....755 Golf Crest Dr., Dearborn
Adams, Mrs. James R.....39 Shadow Hollow, Dearborn
Akroyd, Mrs. Cecil.....1111 Pembroke Rd., Bloomfield Hills
Albrecht, Mrs. Albert J.....17167 Fairfield, Detroit
Albrecht, Mrs. Herman F.....877 Chicago Blvd., Detroit
Alexander, Mrs. Eugene J.....24140 Wilson, Dearborn
Amos, Mrs. T. Grover.....2708 Woodstock Dr., Detroit
Andries, Mrs. George H.....17365 Muirland, Detroit
Arehart, Mrs. Burke W.....65 Merriweather Rd., Grosse Pointe
Arminski, Mrs. Thomas.....16874 Muirland, Detroit
Ashe, Mrs. Stilson R.....1911 Hawthorne Rd., Dearborn
Ashley, Mrs. L. Byron.....18050 Fairway Dr., Detroit
Axelson, Mrs. A. U.....15840 Windmill Pointe Dr., Grosse Pointe

Babcock, Mrs. Warren W.....18254 Oak Dr., Detroit
Bagley, Mrs. Murry E.....7541 Oakman Blvd., Dearborn
Bailey, Mrs. C. C.....32266 Verona Circle, Birmingham
Bailey, Mrs. Louis J.....620 Vinewood, Birmingham
Barbaglia, Mrs. Louis.....730 South Oxford, Grosse Point Woods
Barber, Mrs. Ray.....990 S. Harvey, Plymouth
Barnett, Mrs. Louis L.....8 Millington Rd., Pleasant Ridge
Barone, Mrs. Chas. J.....51 Eason Avenue, Highland Park
Barone, Mrs. C. Gerald.....1851 Crosswick, Birmingham
Barrett, Mrs. C. Dale, Jr.....12672 E. Outer Dr., Detroit
Barrett, Mrs. Wyman D.....442 Neff Rd., Grosse Pointe
Barron, Mrs. James.....2535 Amberly Rd., Birmingham
Bauer, Mrs. Lester E.....4 Woodside Park, Pleasant Ridge
Baumgarten, Mrs. Elden C.....1062 Lochmoor, Grosse Pointe
Beamer, Mrs. Geo. D.....15834 Longmeadow, Dearborn
Bedwell, Mrs. Wm. L...183 Ridgemont Rd., Grosse Pointe
Beouwkes, Mrs. Lambertus E...13014 Mackenzie, Detroit
Bell, Mrs. J. Kenner.....49 Rhode Island, Highland Park
Berlien, Mrs. Ivan C.....2906 E. Jefferson, Detroit
Bielawski, Mrs. John G...8124 E. Morrow Circle, Detroit
Bihl, Mrs. John H.....41001 W. 7 Mile Rd., Northville
Biluk, Mrs. Frank J.....9134 St. Cyril, Detroit
Birch, Mrs. John R.....161 Vendome, Grosse Pointe
Birkhill, Mrs. Fred. Ross..31 Shady Hollow Dr., Dearborn
Blair, Mrs. Wm.....3541 Harvard, Detroit
Block, Mrs. Melvin A.....795 Lakeland, Grosse Pointe
Blodgett, Mrs. Wm. H.....535 Overhill Rd., Birmingham
Bogue, Mrs. Robt. E.....19161 Lancashire, Detroit
Bolstad, Mrs. Donald.....225 S. Silvery Lane, Dearborn
Bolter, Mrs. Sidney.....6760 Woodbank, Birmingham
Bowers, Mrs. Leo J.....47 Cambridge, Pleasant Ridge
Braley, Mrs. Wm. N.....19300 Riverside Dr., Birmingham
Bracken, Mrs. Andrew H.....7540 Oakman, Dearborn
Breiner, Mrs. Sander.....17390 Woodingham, Detroit
Briggs, Mrs. Wm.....1347 Whittier Rd., Grosse Pointe
Brines, Mrs. Osborn A...1415 Parker, Apt. #266, Detroit
Bringard, Mrs. Elmer.....18110 Fairfield, Detroit
Bristol, Mrs. Wm. R...189 Cloverly Rd., Grosse Pointe 36
Broadman, Mrs. Sylvan....25705 Middlebelt, Farmington
Bronson, Mrs. Wm. W.....845 Lone Pine Rd., Bloomfield Hills
Brooks, Mrs. Clark D.....1601 Quarton Rd., Birmingham
Brosius, Mrs. Wm. L.....16150 Sorrento, Detroit
Brown, Mrs. Andrew G.....13991 Asbury Park, Detroit
Brown, Mrs. Audrey O...46 Oakdale Blvd., Pleasant Ridge
Brown, Mrs. Eli M.....13123 LaSalle, Huntington Woods
Brown, Mrs. Gordon T.....8355 E. Outer Dr., Detroit
Brownell, Mrs. Paul.....19379 Pennington Dr., Detroit
Brush, Mrs. Brock E.....22313 Cherry Hill, Dearborn
Bryon, Mrs. John B...30540 Rock Creek Dr., Birmingham
Buerki, Mrs. Robin C.....201 Lake Shore, Grosse Pointe
Buesser, Mrs. Frederick G.....8106 E. Jefferson, Detroit
Burke, Mrs. Ralph Martin.....580 University Pl., Grosse Pointe
Burnham, Mrs. David C...3900 Oakhills Dr., Birmingham
Burns, Mrs. Robert T.....4610 Somerset, Detroit
Burr, Mrs. George.....2016 W. Boston Blvd., Detroit
Burroughs, Mrs. Roswell G.....31624 Auburn Dr., Birmingham
Butler, Mrs. Joseph P.....1726 W. Chicago, Detroit

Caldwell, Mrs. J. R...4850 Bryn Mawr Rd., Birmingham
Campbell, Mrs. Robt. E.....943 Fisher Rd., Grosse Pointe
Candler, Mrs. Clarence L...1690 Faircourt, Grosse Pointe
Capute, Mrs. Joseph M.....22575 Nona, Dearborn
Carbone, Mrs. Louis.....487 Lakeland, Grosse Pointe
Carlisle, Mrs. Joseph.....656 W. Woodland, Ferndale
Carnes, Mrs. Harry E.....652 Lincoln Rd., Grosse Pointe
Carrick, Mrs. Lee.....506 Lakeshore La., Grosse Pointe
Carter, Mrs. John M.....18900 Fairway Dr., Detroit
Carter, Mrs. Leland F...750 Middlesex Rd., Grosse Pointe
Caughey, Mrs. Edgar..1040 S. Oxford Rd., Grosse Pointe
Caumartin, Mrs. Fred.....17184 Wildemere, Detroit
Cetnar, Mrs. Eugene J.....4322 Bishop Rd., Detroit
Chall, Mrs. Henry G.....2941 W. McNichols, Detroit
Chapin, Mrs. Sidney E.....425 Golf Crest Dr., Dearborn
Chipman, Mrs. Williard A...14613 Rutland Rd., Detroit
Christensen, Mrs. C. A.....7876 Hartwell Ave., Dearborn
Christopher, Mrs. James G...9515 W. Outer Dr., Detroit
Clark, Mrs. Arthur M.....318 Beechmont, Dearborn
Clarke, Mrs. Robert B...385 University Pl., Grosse Pointe
Clifford, T. Percy.....4355 Glendale, Detroit
Cochrane, Mrs. Edgar G.....13974 Archdale Rd., Detroit
Cole, Mrs. James E.....15322 Stahelin, Detroit
Colville, Mrs. James.....1836 Humphrey, Birmingham
Colvin, Mrs. Leslie T.....15015 Glastonbury, Detroit
Colyer, Mrs. Raymond.....284 Pilgrim Rd., Birmingham
Comly, Mrs. Hunter.....958 Lakepointe, Grosse Pointe
Connelly, Mrs. Richard C.....1360 Three Mile Dr., Grosse Pointe
Connolly, Mrs. Paul J.....16778 Westmoreland, Detroit
Cook, Mrs. James C.....5 Fairmont Court, Dearborn
Cooper, Mrs. Benjamin F...1124 Berkshire, Grosse Pointe
Cooper, Mrs. Edmond L.....914 Shirley, Birmingham
Cooper, Mrs. Ralph.....850 Lakeland, Grosse Pointe
Cooper, Mrs. Richard F.....23130 Wilson, Dearborn
Corbett, Mrs. J. J.....57 Merriweather Rd., Grosse Pointe
Costello, Mrs. Russell T.....2850 Pine Lake Rd., Orchard Lake
Courtney, Mrs. Rufus.....30038 Manover Blvd., Inkster
Courville, Mrs. Chas. J.....19719 Whitcomb, Detroit
Coyle, Mrs. James.....46 Beacon Hill, Grosse Pointe
Croll, Mrs. Maurice.....18003 Muirland, Detroit
Crook, Mrs. Charles L.....60 Colorado, Highland Park
Croushore, Mrs. James E.....1185 Westward, Birmingham
Cusick, Mrs. Paul L.....17575 Oak Dr., Detroit

Dale, Mrs. Mark.....4595 Pickering, Birmingham
Danforth, Mrs. Robt. D.....941 S. Oxford, Grosse Pointe
Darling, Mrs. Chas. E.....292 Yarmouth, Bloomfield Twp.
Darling, Mrs. Milton A.....8100 LaSalle Blvd., Detroit
Davies, Mrs. Windsor.....1013 Audubon, Grosse Pointe
DeNike, Mrs. A. James.....2906 E. Jefferson, Detroit
Deress, Mrs. Alphonse R.....4204 E. Outer Dr., Detroit
Derrick, Mrs. Cornelius.....7300 Harding, Tayler
DeSpelder, Mrs. R. E.....1452 Yorkshire, Grosse Pointe 30
Devine, Mrs. Herbert W.....1315 Harvard, Grosse Pointe
Dickman, Mrs. Fred C.....18554 Rainbow Dr., Lathrup Village
Dill, Mrs. J. Lewis.....18615 Birchcrest, Detroit
Dimond, Mrs. George E.....6853 Orchard, Dearborn
Ditzler, Mrs. John.....581 Rivard Blvd., Grosse Pointe
Doering, Mrs. Wendell R.....27489 Lathrup, Lathrup Village
Dolega, Mrs. Stanley F.....366 Moross, Grosse Pointe
Dolgoff, Mrs. Sidney.....9855 Melbourne, Allen Park
Domzalski, Mrs. Henry.....978 Balfour, Grosse Pointe
Donald, Mrs. Douglas.....8120 E. Jefferson, Detroit 14
Dorsey, Mrs. John M.....65 Moss, Highland Park
Doub, Mrs. Howard P.....18234 Wildemere, Detroit

Downer, Mrs. Ira G...789 Trombly Rd., Grosse Pointe 30
Draves, Mrs. Edward F.....14541 Grandmont, Detroit
Drazek, Mrs. Joseph.....19633 Riverview, Detroit
Dubin, Mrs. Joseph J.....1420 Strathcona, Detroit
DuBois, Mrs. Paul W.....630 Merrick Ave., Detroit
Dudek, Mrs. John J.....17166 Parkside, Detroit
Dumke, Mrs. Paul R.....544 Middlesex Blvd., Grosse Pointe
Dundas, Mrs. Edward.....1235 Beechmont, Dearborn
Dunlap, Mrs. Henry A.....505 Lakepointe, Grosse Pointe
Dunn, Mrs. Cornelius E.....3496 Burns, Detroit
Dupler, Mrs. Gerald.....1126 Mayburn, Dearborn
Durham, Mrs. Everett W.....1730 Hawthorne Dr., Dearborn
Dutcher, Mrs. Dwight.....711 S. Oxford, Grosse Pointe
Duwe, Mrs. Frank A.....17580 Avilla, Lathrup Village
Dyer, Mrs. H. Lorne.....20133 Valley Rd., Northville
Dziuba, Mrs. John F.....622 Hamilton, Birmingham

Edmondson, Mrs. Robt.....422 Maison, Grosse Pointe 36
Eisenbrey, Mrs. Arthur.....1386 Bishop Rd., Grosse Pointe 30
Eldredge, Mrs. Edw. F.....310 Moross, Grosse Pointe
Ensign, Mrs. Dwight C.....32945 Franklin Ct., Franklin
Eschbach, Mrs. Joseph W.....410 River Lane, Dearborn
Evans, Mrs. Gomer.....1060 Berkshire, Grosse Pointe
Evans, Mrs. Joseph M.....12862 E. Outer Dr., Detroit
Ewing, Mrs. C. H.....526 University Pl., Grosse Pointe
Eyler, Mrs. William.....18347 Bedford Rd., Birmingham

Fallis, Mrs. Lawrence S.....2474 Chicago Blvd., Detroit
Farnam, Mrs. Larry M., Jr.....16775 St. Paul, Grosse Pointe 30
Fea, Mrs. John.....18663 Woodworth, Detroit 40
Feleyn, Mrs. W. G.....2091 W. Grand Blvd., Detroit
Fellers, Mrs. Ray L.....4984 Ridgewood, Detroit
Fenton, Mrs. Edwin.....14831 Warwick Rd., Detroit
Fenton, Mrs. Russell F.....18469 Hillcrest Blvd., Birmingham
Ferrara, Mrs. Richard.....3990 Somerset, Detroit
Ferris, Mrs. George.....16745 Oakfield, Detroit
Font, Mrs. Anthony J.....Pavilion Apts. #2103, Lafayette Park, Detroit
Figiel, Mrs. Leo.....719 Berkshire, Grosse Pointe
Figiel, Mrs. Steven J.....6648 Oakman Blvd., Dearborn
Fisher, Mrs. C. L.....791 University Pl., Grosse Pointe
Fitzgerald, Mrs. James M.....16838 Huntington, Detroit
Flaherty, Mrs. Henry J.....27360 Rainbow Circle, Lathrup Village
Flaherty, Mrs. Norman W.....24315 Fairmount Dr., Dearborn
Fleming, Mrs. Joseph.....7360 LaSalle Blvd., Detroit 6
Ford, Mrs. George A.....18934 Fairfield, Detroit
Fordell, Mrs. Frank.....411 Woodcrest Dr., Dearborn
Fosnaugh, Mrs. Robert P.....6214 Appoline, Dearborn
Foster, Mrs. Wm. L.....343 N. Harrison Rd., East Lansing
Frame, Mrs. Roy.....1051 Covington, Detroit
France, Mrs. C. Jackson.....838 Berkshire, Grosse Pointe
Franjac, Mrs. Marion.....37355 W. 8 Mile Rd., Livonia
Frederickson, Mrs. George C.....1450 Oxford Road, Grosse Pointe
Freitas, Mrs. Eugene L.....77 Lochmoor, Grosse Pointe
Frey, Mrs. James L.....17144 Westmoreland, Detroit
Frost, Mrs. Harold.....2471 Lothrop, Detroit 6
Fryfogle, Mrs. James D.....24500 Inkster, Southfield

Gagliardi, Mrs. Raymond.....15864 Rosemont, Detroit
Gajewski, Mrs. John E.....1320 Grayton, Grosse Pointe
Ganschow, Mrs. John H.....10025 Nadine, Huntington Woods
Gardner, Mrs. Lawrence W.....18782 Glenwood, Lathrup Village
Gardner, Mrs. Max L.....1158 Yorkshire, Grosse Pointe
Gaston, Mrs. Herbert B.....7501 W. Morrow Circle Dearborn
Gehring, Mrs. Harold W.....17607 Magnolia Parkway, Detroit
Gerbasi, Mrs. Francis.....81 Lochmoor, Grosse Pointe 36
Gerisch, Mrs. Robert.....19441 Bretton Drive, Detroit
Gerondale, Mrs. E. J.....15000 Dexter Blvd., Detroit
Gillespie, Mrs. Stephen M.....1638 DaCosta, Dearborn
Gray, Mrs. Jacques P.....8900 E. Jefferson, Apt. #913, Detroit
Greenlee, Mrs. William T.....764 Pemberton, Grosse Pointe
Griffin, Mrs. Robert J.....965 W. Crescent Lane, Grosse Pointe
Gittins, Mrs. Perry.....20210 Renfrew Road, Detroit
Glowacki, Mrs. Ben F.....840 Jonathan Lane, Bloomfield Hills
Goodwin, Mrs. Warren.....19321 Greydale, Detroit
Gordon, Mrs. J. Whitlock.....12700 Mendota, Detroit
Gottlieb, Mrs. Jacques S.....7111 Fairhill Road, Birmingham
Goux, Mrs. Raymond S.....18566 Muirland, Detroit
Grace, Mrs. Joseph M.....27453 Rainbow Circle, Lathrup Village
Granger, Mrs. George R.....88 Renaud Road, Grosse Pointe
Graves, Mrs. James H.....1304 Buckingham, Grosse Pointe
Green, Mrs. Edward W.....30024 Champine Drive, St. Clair Shores
Green, Mrs. Nelson W.....107 Elm Park, Pleasant Ridge
Greifenstein, Mrs. Ferdinand.....1033 Yorkshire, Grosse Pointe
Greiner, Mrs. Bert.....8900 E. Jefferson, Detroit
Grossman, Mrs. Sol C.....20015 Shrewsbury, Detroit
Guerrere, Mrs. Jose.....4285 Glendale, Detroit
Gurdjian, Mrs. E. S.....19385 Renfrew Rd., Detroit
Guyton, Mrs. Jack S.....402 University, Grosse Pointe
Haidostian, Mrs. Benj. H.....17421 Westmoreland Rd., Detroit
Haisten, Mrs. Wyatt.....269 McKinley, Detroit
Haitinger, Mrs. Kalman S.....1134 Beaconsfield, Grosse Pointe
Hall, Mrs. E. Walter.....14189 Rosemont, Detroit
Hall, Mrs. Winthrop D.....6 Cherry Hill Court, Detroit
Hallen, Mrs. L. James.....18205 Parkside, Detroit 21
Hamil, Mrs. Brenton M.....12 Adams Lane, Dearborn
Hamilton, Mrs. Quentin P.....19050 Dolores, Lathrup Village
Hammer, Mrs. Roy W.....17340 Runyon, Detroit
Hand, Mrs. Fordus.....1018 Bedford, Grosse Pointe
Hansen, Mrs. Frederick E.....772 Cever Drive, Port Austin
Harley, Mrs. Louis M.....17325 Fairfield, Detroit
Harm, Mrs. Winfred B.....16260 Cherrylawn, Detroit
Harris, Mrs. Harold M.....7350 Oakman, Dearborn
Hartman, Mrs. Frank W.....7661 LaSalle Garden, Detroit
Hasley, Mrs. Clyde K.....2320 N. LaSalle Garden, Detroit
Hastings, Mrs. Orville J.....10427 E. Outer Drive, Detroit
Havers, Mrs. Howard.....271 Kenwood Court Grosse Pointe
Haurbrich, Mrs. Wm. S.....270 S. York Rd., Dearborn
Hauser, Mrs. I. Jerome....1980 Strathcona Drive, Detroit
Hauser, Mrs. John E.....688 Hamilton, Birmingham
Hazen, Mrs. Roy S.....15371 Stout, Detroit
Hedgeman, Mrs. E. Chester.....2325 W. Chicago Blvd., Detroit
Heidman, Mrs. Louis E.....18010 Roselawn, Detroit
Heldt, Mrs. Richard.....24617 Rockford, Dearborn
Henderson, Mrs. Leslie T.....832 N. Renaud, Grosse Pointe
Henry Mrs. Robert C.....16127 Baylis, Detroit
Hess, Mrs. Murray W.....23860 Seneca, Oak Park
Heyner, Mrs. S. A.....3424 Oakman Blvd., Detroit
Hickey, Mrs. Joseph.....24346 Fairmont Drive, Dearborn
Hicks, Mrs. Frederick G.....1000 Westwood, Birmingham
Hipps, Mrs. Chauncey.....14 Ridge Road, Pleasant Ridge
Hoagland, Mrs. Thomas V.....630 W. Hildale, Detroit
Hodges, Mrs. Frank J.....7407 Oakman Blvd., Dearborn
Hodges, Mrs. Jason.....1200 S. Oxford Road, Grosse Pointe
Hodgkinson, Mrs. C. Paul.....17546 Meadowwood, Lathrup Village
Holloway, Mrs. Horace....2017 W. Boston Blvd., Detroit
Holt, Mrs. Charles J., Jr.....1575 Faircourt, Grosse Pointe
Horn, Mrs. Robert C., Jr.....505 Pemberton Road, Grosse Pointe

Horrigan, Mrs. Audrey E.....20029 Cooley, Detroit
Howard, Mrs. Austin Z.....15492 Ashton Road, Detroit
Howell, Mrs. James T.....27907 California Dr. E., Lathrup
Howes, Mrs. Homer A.....9322 Artesian, Detroit
Howlett, Mrs. Howard T.....20026 Shrewsbury, Detroit
H'Romadke, Mrs. Louis.....340 Martel Drive, Bloomfield Hills
Huber, Mrs. Philip.....1724 Bassett, Royal Oak
Hudson, Mrs. William A.....2290 Edison, Detroit
Hulick, Mrs. Archie.....15525 Amherst, Birmingham
Hume, Mrs. H. Ross....118 Meadow Lane, Grosse Pointe
Huminski, Mrs. T. S.....1232 Devonshire, Grosse Pointe
Hummel, Mrs. Arthur R.....1020 Three Mile Drive, Grosse Pointe
Hunt, Mrs. Theodore H.....10095 E. Outer Drive, Detroit
Husband, Mrs. Charles W.....19450 Argyle Crescent, Detroit
Husband, Mrs. Raymond C.....530 Overhill Road, Birmingham
Iacobell, Mrs. Peter H...870 Lakeshore Rd., Grosse Pointe
Igna, Mrs. Eli J.....584 Lakeland, Grosse Pointe
Insley, Mrs. Stanley W.....12860 Archdale, Detroit
Irwin, Mrs. William A.....2130 Iroquois, Detroit
Jaekel, Mrs. C. N.....443 Lexington, Grosse Pointe
Jaffar, Mrs. Donald J.....630 Merrick, Detroit
Jarvis, Mrs. Harold F.....360 Moross Road, Grosse Pointe Farms
Jeffries, Mrs. Benjamin.....1010 Harvard, Grosse Pointe
Jend, Mrs. William, Jr.....7027 Riverside Drive, Dearborn
Jennings, Mrs. Charles G.....356 Hillcrest, Grosse Pointe
Jensen, Mrs. V. W.....532 Lincoln, Grosse Pointe
Jodar, Mrs. Loyal W.....21741 Edmunton, St. Clair Shores
John, Mrs. Hubert R.....265 Merton Road, Apt. 104, Detroit
Johnson, Mrs. David.....539 Vinewood, Birmingham
Johnson, Mrs. Ralph.....2115 Iroquois, Detroit
Johnson, Mrs. Vincent C.....599 Lakeshore Road, Grosse Pointe
Johnson, Mrs. William E.....2240 W. Grand Blvd., Detroit
Joinville, Mrs. E. V.....3879 Riverside Drive, Windsor, Ontario
Jones, Mrs. Roy D.....7747 Seven Mile Road, Detroit
Joyce, Mrs. Stanley J.....2040 W. McNichols Road, Detroit
Kackley, Mrs. James.....1434 Bishop, Grosse Pointe
Kamil, Mrs. Richard.....18024 Warrington, Detroit
Kauppinen, Mrs. J. A.....19246 Nadol, Detroit
Kawel, Mrs. Conrad....7377 Charlesworth Rd., Dearborn
Keane, Mrs. William Edward.....1007 Harvard Road, Grosse Pointe
Kehee, Mrs. Henry J.....91 Renaud Road, Grosse Pointe
Keim, Mrs. Harther.....369 University Pl., Grosse Pointe
Kelley, Mrs. Frank J.....440 Lathrop Road, Grosse Pointe
Kennary, Mrs. James M.....2250 Iroquois, Detroit
Killins, Mrs. Charles G.....845 Bedford Rd., Grosse Pointe
Knighton, Mrs. Robert S.....27486 Lathrup, Lathrup Village
Koebel, Mrs. R. H.....640 Bedford, Grosse Pointe
Kokowicz, Mrs. R. J.....1151 Buckingham, Grosse Pointe
Kerum, Mrs. Lyle.....210 Lothrop Road, Grosse Pointe Farms
Kossayda, Mrs. Adam W.....22300 Wilson, Dearborn
Krabbenhoft, Mrs. Kenneth L.....27 Oakdale, Pleasant Ridge
Krynicki, Mrs. Francis X.....17127 Muirland, Detroit
Krystal, Mrs. Henry.....19210 Coyle, Detroit
Kuhn, Mrs. Albert.....186 W. Hildale, Detroit
Kujawski, Mrs. Walter..20897 Littlestone, Harper Woods
Kulaski, Mrs. Chester H.....934 Westchester, Grosse Pointe
LaHood, Mrs. Michael J.....17300 Cornell, Detroit
Laige, Mrs. Raymond.....1257 Audubon, Grosse Pointe
LaMarche, Mrs. Norman O.....4139 Wakefield Road, St. Johns Woods, Berkley
Lammy, Mrs. James V.....3797 Wakefield, Berkley
Lampman, Mrs. Harold H.....42 Puritan Avenue, Highland Park
Lang, Mrs. Ernest F.....280 Cloverly Road, Grosse Pointe
Lange, Mrs. Anthony H.....6017 Grayton Road, Detroit
Laning, Mrs. George M.....2025 W. Six Mile Road Highland Park
Leader, Mrs. Luther R.....394 Cranbrook Road, Bloomfield Hills
Lechner, Mrs. Monroe.....14284 Rosemary, Detroit
Leibinger, Mrs. Henry R.....511 Barrington Road, Grosse Pointe
Lepley, Mrs. Fred O.....1125 Three Mile Drive, Grosse Pointe
Leszynski, Mrs. Joseph S.....8120 E. Jefferson, Detroit
Levagood, Mrs. Floyd B.....14056 Artesian, Detroit
Liddicoat, Mrs. Arthur G.....18300 Bretton Drive, Detroit
Lightbody, Mrs. James J.....195 Piper Blvd., Detroit
Lignell, Mrs. Rudolph W.....18109 San Juan, Detroit
Lilly, Mrs. Charles J.....16649 Princeton, Detroit
Lindner, Mrs. David.....6429 Calhoun, Dearborn
Lipkin, Mrs. Ezra.....17599 Greenlawn, Detroit
Livingood, Mrs. Clarence S.....2950 Iroquois, Detroit
Lefstrom, Mrs. James E.....265 Williams, Grosse Pointe
Longe, Mrs. Salvatore S.....370 Moross Rd., Grosse Pointe Farms 36
Loucks, Mrs. R. E.....29915 Thirteen Mile Road, Farmington
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Lowe, Mrs. Adolf W.....17117 Parkside, Detroit
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MacGregor, Mrs. W. Wilbur....6320 W. Surrey, Foxcroft, Birmingham
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McDonald, Mrs. John.....5671 Shadow Lane, Bloomfield Hills
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Michael, Mrs. Michael J.....938 S. Renaud Rd., Grosse Pointe

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Vonder Heide, Mrs. Elmore C.....17190 Strathmoor, Detroit
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Watson, Mrs. J. Edwin.....1401 Pembroke Drive, Bloomfield Hills
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Weed, Mrs. Milton R.....1997 E. Grand Blvd., Detroit
Weiser, Mrs. Frank A.....235 Charlevoix, Grosse Pointe
Weiss, Mrs. Cassimir.....1801 E. Canfield, Detroit
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Weston, Mrs. Earl E.....5655 Forman Drive, Birmingham
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Weyher, Mrs. R. F.....5383 Oakman Blvd., Detroit 4
Whelan, Mrs. Joseph.....1360 Oxford Rd., Grosse Pointe 36
White, Mrs. Milo R.....1187 Longfellow, Detroit
Whitehouse, Mrs. Fred W.....25512 Harmon, St. Clair Shores
Whiteley, Mrs. Robert K.....216 Lakeland, Grosse Pointe
Wiechowski, Mrs. Henry E.....538 Lochmoor Blvd., Grosse Pointe Woods 36
Wietersen, Mrs. Fred K.....1170 Oxford Rd., Birmingham
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Wybranowski, Mrs. Jan.....20651 Crestmont Lane, Dearborn

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Allen, Mrs. John V.....15265 Philomene, Allen Park
Beck, Mrs. Stanley M.....12770 Veronica, Southgate
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Brown, Mrs. Charles H.....1729 Davis, Wyandotte
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Butler, Mrs. Harry R.....25830 East River Rd., Grosse Ile
Cahalan, Mrs. Joseph L.....13381 Catalpa, Wyandotte
Cameron, Mrs. Arthur J.....155 Vinewood, Wyandotte
Cassel, Mrs. Harry E.....2356 Seventeenth St., Wyandotte
Coan, Mrs. Glenn L.....24099 West River Rd., Grosse Ile
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Costello, Mrs. Stephen D.....3418 Norwood Dr., Trenton
Deering, Mrs. Robt. J.....26225 West River Rd., Grosse Ile
Easterly, Mrs. Robt. L.....2514 Eighteenth St., Wyandotte
Engel, Mrs. Earl H.....33 Emmons Ct., Wyandotte

Erickson, Mrs. Eldon W.....29385 East River Rd., Grosse Ile
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Foote, Mrs. James A.....870 Winchester, Lincoln Park
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Ganos, Mrs. Thomas.....9238 Vine, Allen Park
Gilbert, Mrs. Harold R.....13146 Phelps, Wyandotte
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Hoffer, Mrs. Thomas.....1556 Walnut, Dearborn
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Honor, Mrs. Wm. H.....20446 East River Rd., Grosse Ile
Hookey, Mrs. John A.....2872 VanAlstyne Blvd., Wyandotte
Jones, Mrs. Wm. J.....15839 Crescent Dr., Allen Park
Kelly, Mrs. John J.....15088 McLain, Allen Park
Knaggs, Mrs. Earl J.....13179 Phelps, Wyandotte
Knapp, Mrs. Byron S.....7536 Colwell, Allen Park
Knox, Mrs. Ross M.....15400 Philomene, Allen Park
Koschnitzke, Mrs. Herman K.....23580 East River Rd., Wyandotte
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Kwasiborski, Mrs. Stanley.....9495 Island, Grosse Ile
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Libbrecht, Mrs. Robt. V.....15330 Wick Rd., Allen Park
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McColl, Mrs. Charles W.....2284 21st St., Wyandotte
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Kramer, Sylvia.....W. M. Follis, M.D.
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101 W. John St., Bay City
Lee, Beth.....Samaritan Hospital Laboratory
713 9th St., Bay City
Legner, Lena.....R. B. Asbury, M.D.
1113 N. Johnson, Bay City
Macaulay, Phyllis.....J. R. Gehman, M.D.
105 N. Court St., Standish

Metiva, Shirley.....M. K. Dolbee, M.D.
529 E. Cedar, Standish
Miller, Marilyn.....C. Jones, M.D.
900 N. Jackson, Bay City
Mitchell, Marcia.....Z. E. Taheri, M.D.
1411 Center, Bay City
Molyneauz, Beatrice.....C. W. Reuter, M.D.
101 W. John St., Bay City
Morley, Janice (LaPlant).....D. E. Suter, M.D.
307 Davidson Bldg., Bay City
Mosier, Patricia Ann.....Samaritan Hospital Laboratory
713 9th St., Bay City
Mott, Helen.....F. J. Chapin, M.D.
A. Ellison, M.D.
T. B. Wright, M.D.
101 W. John St., Bay City
Reigler, Marjory.....F. J. Chapin, M.D.
A. Ellison, M.D.
T. D. Wright, M.D.
101 W. John St., Bay City
Roueche, Gretchen.....A. D. Allen, M.D.
101 W. John St., Bay City
Sheldon, Florence.....D. J. Mosier, M.D.
101 W. John St., Bay City
Sowers, Mary.....H. C. Shafer, M.D.
101 W. John St., Bay City
Stegman, Judie Ann.....J. C. Cooper, M.D.
102 Woodside, Essexville
Weber, Elizabeth Ann.....W. S. Reed, M.D.
1407 Center, Bay City
Wilcox, Kay.....Allen Medical Bldg., Laboratory
101 W. John St., Bay City
Williams, Mildred.....Allen Medical Bldg. (Switchboard)
101 W. John St., Bay City
Wynne, Rita.....C. Jones, M.D.
900 N. Jackson, Bay City
Zaremba, Madeline.....A. J. Zaremba, M.D.
108 S. Madison, Bay City

BERRIEN COUNTY
Number of Members, 28

Appleget, Judith.....F. Lindenfeld, M.D.
D. C. Camp, M.D.
8 N. St. Joseph Ave., Niles
Buchbinder, Dorothy.....M. Faber, M.D.
209 State Bank Bldg., Benton Harbor
Doherty, Clare.....F. Lindenfeld, M.D.
D. C. Camp, M.D.
8 N. St. Joseph Ave., Niles
Dooling, Kathleen.....F. G. Rice, M.D.
314 N. Fourth St., Niles
Frame, Lyla.....H. M. Pritchard, M.D.
502 Broadway, Niles
Goglin, Rose.....H. J. Cawthorne, M.D.
239 Pipestone St., Benton Harbor
Hall, Joyce.....S. Gould, M.D.
127 E. Nafier Ave., Benton Harbor
Houser, Joyce.....S. M. Mesirow, M.D.
687 E. Empire Ave., Benton Harbor
Howorth, Violet.....S. Gould, M.D.
127 E. Nafier Ave., Benton Harbor
Johnson, Sara.....T. S. Moore, M.D.
P.O. Box 416, Niles
Kickles, Evelyn.....St. Joseph Hospital
St. Joseph
Lambert, Effie.....D. B. Witte, M.D.
802 E. Front St., Buchanan
Krooning, Judy.....J. Conway, M.D.
358 N. Main St., Watervliet
MacMillam, Joan.....B. B. King, M.S. M.D.
687 Empire Ave., Benton Harbor
McKay, Margaret.....D. W. Thorup, M.D.
756 Pipestone St., Benton Harbor
Milligan, Violette.....R. Green, M.D.
B. Green, M.D.
2600 Morton St., St. Joseph
Montfort, Noreen.....L. H. Zick, M.D.
2522 Niles Ave., St. Joseph
Ogden, Lillian.....R. Green, M.D.
B. Green, M.D.
2600 Morton St., St. Joseph
Prusinski, Elizabeth.....F. Henderson, M.D.
703 E. Main St., Niles
Richcreek, Inger.....B. T. Sowers, M.D.
756 Pipestone St., Benton Harbor
Rogers, Mildred.....T. P. Hayes, M.D.
922 Main St., St. Joseph
Ross, Patsy.....F. G. Rice, M.D.
324 N. Fourth St., Niles
Shimer, Mary.....R. C. Coybeare, M.D.
756 Pipestone St., Benton Harbor
Siebert, LaRue.....F. A. King, M.D.
169 Michigan Ave., Benton Harbor
Taylor, Clara.....R. C. Crowell, M.D.
519 Ship St., St. Joseph
Truhn, Shirley.....T. P. Hayes, M.D.
922 Main St., St. Joseph
Weik, Caroline.....H. I. Kelsall, M.D.
1600 Niles St., St. Joseph

Associate Member

O'Toole, Dorothy.....1423 Michigan, St. Joseph

BRANCH COUNTY
Number of Members, 18

Anderson, Carol.....H. R. Weidner, M.D.
R. R. Southworth, M.D.
50 Division St., Coldwater
Blanchett, Barbara.....Community Health Center
274 E. Chicago St., Coldwater
Camp (Norgan) Janice.....H. R. Weidner, M.D.
R. R. Southworth, M.D.
50 Division St., Coldwater
Davis, Jean.....J. J. Rick, M.D.
63 E. Chicago St., Coldwater
Flowers, Mildred.....H. R. Meier, M.D.
W. E. Nettleman, M.D.
87 W. Pearl St., Coldwater
Kaechele, Wilma.....D. T. Culver, M.D.
173 E. Chicago St., Coldwater
Keller, Mary Ann.....H. R. Weidner, M.D.
R. R. Southworth, M.D.
50 Division St., Coldwater
Keller, Patricia.....H. L. Moss, M.D.
300 E. Chicago St., Coldwater
Latimer, Marion.....Community Health Center
274 E. Chicago St., Coldwater
Lockwood, Dorothy.....Coldwater State Home &
Training School, Coldwater
MacDonald, Lydia.....N. S. Aldrich, M.D.
15 E. Pierce St., Coldwater

Pifer, Lu Anne.....Community Health Center
274 E. Chicago St., Coldwater
Rude, T. Jean.....Community Health Center
274 E. Chicago St., Coldwater
Smith, Mary.....Branch & Hillsdale County
Health Department, 35 S. Sprague St., Coldwater
Snyder, Ruth.....W. T. Nettleman, M.D.
87 W. Pearl St., Coldwater
Tomson, Dorothy.....H. J. Meier, M.D.
87 W. Pearl St., Coldwater
Van Dyke, Betty.....Branch & Hillsdale County
Health Department, 35 S. Sprague St., Coldwater
Woods, (Marriott) Rita.....H. L. Moss, M.D.
300 E. Chicago St., Coldwater

CALHOUN COUNTY

Number of Members, 66

Aldredgem Dorothy.....P. Kingsley, M.D.
J. Roberts, M.D.
R. H. Allen, M.D.
191 College St., Battle Creek
Alspaugh, Kathleen.....R. J. Campbell, M.D.
J. Power, M.D.
C. Stephenson, M.D.
140 Capital Ave. N.E., Battle Creek
Bacon, Velma.....P. Dianante, M.D.
1704 Wolverine Bldg., Battle Creek
Ball, Catherine.....Kimball Sanatorium
Battle Creek
Beck, Vonda.....J. Levy, M.D.
231 North Ave., Battle Creek
Bothwell, Jane.....W. R. Sodine, M.D.
716 Mich. Nat'l Bank, Battle Creek
Burch, Barbara.....T. Kavanagh, M.D.
R. Parsons, M.D.
513 Mich. Nat'l Bank, Battle Creek
Callahan, Mary.....R. Mustard, M.D.
1407 Security Bank Bldg., Battle Creek
Clark, Jane.....M. J. Capron, M.D.
806 Security Bank Bldg., Battle Creek
Chamberlain, Marion.....G. A. Zindler, M.D.
1206 Security Bank Bldg., Battle Creek
Coakes, Rose Mary.....Jack Coakes, M.D.
112 W. Mansion St., Marshall
Conkell, Helen.....J. Campbell, M.D.
1018 North Ave., Battle Creek
Coyls, Nell.....P. P. Bonifer, M.D.
231 North Ave., Battle Creek
Craft, Betty.....R. H. Fraser, M.D.
1112 Security Bank Bldg., Battle Creek
Dart, Jean.....G. Slagle, M.D.
R. Brown, M.D.
203 Capital Ave. N.E., Battle Creek
Davis, Hilda.....R. L. Bakken, M.D.
113 N. McCamly, Battle Creek
Diggs, Edna.....F. Lam, M.D.
408 Capital Ave. S.W., Battle Creek
Doane, Kay.....F. L. Lam, M.D.
408 Capital Ave. S.W., Battle Creek
Dott, Dorotha.....L. Shipp, M.D.
1414 Security Bank Bldg., Battle Creek
Ebel, Madeline.....T. Kavanagh, M.D.
R. Parsons, M.D.
513 Mich. Nat'l Bank, Battle Creek
Fuller, Ruth Louise.....F. W. Slagle, M.D.
R. W. Brown, M.D.
203 Capital Ave. N.E., Battle Creek
Globensky, Nan.....Sheldon Hospital
Albion
Greene, Atla.....R. Stiefel, M.D.
1407 Security Bank Bldg., Battle Creek
Griffen, Donna.....G. W. Slagle, M.D.
R. W. Brown, M.D.
203 Capital Ave. N.E., Battle Creek
Griffith, Dolores.....Jack Griffith, M.D.
1407 Security Bank Bldg., Battle Creek
Grodi, Ruth.....R. M. Curry, M.D.
Homer
Hall, Sally.....Edward Chandler, M.D.
4th Floor Mich. Nat'l Bank, Battle Creek
Howard, Joan.....P. Bonifer, M.D.
231 North Ave., Battle Creek
Hunt, Jerrie.....B. Zheutlin, M.D.
50 Adams St., Battle Creek
Jarchow, Dorothy.....P. Kingsley, M.D.
J. Roberts, M.D.
R. H. Allen, M.D.
191 College St., Battle Creek
Jenkins, Claudia.....C. Taylor, M.D.
308½ S. Superior St., Albion
Jerrell, Frances.....P. Kingsley, M.D.
J. Roberts, M.D.
R. H. Allen, M.D.
191 College St., Battle Creek
Johnson, Dorothy.....B. Zheuthlin, M.D.
50 Adams St., Battle Creek
Jones, Helen.....M. J. Capron, M.D.
806 Security Bank Bldg., Battle Creek
Kahler, Letha.....W. R. Birk, M.D.
146 E. State St., Hastings
Killion, Hazel.....Jack Campbell, M.D.
1018 North Ave., Battle Creek
Kneeland, Dorothy.....Edward Chandler, M.D.
411 Mich. Nat'l Bank, Battle Creek
Knight, Charlotte.....G. Vetne, M.D.
298 W. Van Buren St., Battle Creek
Lewis, Jean.....J. W. Hubly, M.D.
1407 Security Bank Bldg., Battle Creek
Hardle, Ruth.....R. G. Finnie, M.D.
118 E. Walnut St., Hastings
Marble, Ruth A.....R. G. Finnie, M.D.
118 E. Walnut St., Hastings
McCray, Jean.....R. J. Campbell, M.D.
J. Power, M.D.
C. Stephenson, M.D.
140 Capital Ave. N.E., Battle Creek
Miller, Joan.....P. Kingsley, M.D.
J. Roberts, M.D.
R. H. Allen, M.D.
191 College St., Battle Creek
Miller, Thelma.....S. Fairbanks, M.D.
306 S. Superior St., Albion
Minear, Eva Elizabeth.....G. Vetne, M.D.
298 W. Van Buren St., Battle Creek
Miner, Ruth.....F. Strohwenger, M.D.
400½ S. Superior, Albion
Morgan, Sylvia L.....Sheldon Memorial Hospital
Albion
Nagel, Lee.....E. L. Phelps, M.D.
118 E. Walnut St., Hastings
Offendbacher, Rose.....V. Lancaster, M.D.
231 North Ave., Battle Creek
Palmiter, Beverly.....A. Humphrey, M.D.
College St., Battle Creek
Rising, Dorothy.....R. K. Curry, M.D.
Homer
Roberts, Joan.....R. Zaplitny, M.D.
1507 Wolverine Tower, Battle Creek

Saller, Marlene.....A. Hamady, M.D.
P. Ferazzi, M.D.
1018 North Ave., Battle Creek
Siddall, Suzanne.....A. Hamady, M.D.
P. Ferazzi, M.D.
1018 North Ave., Battle Creek
Slager, Katherine.....P. Kingsley, M.D.
J. Roberts, M.D.
R. H. Allen, M.D.
191 College St., Battle Creek
Stahl, (Shedd) Reta .....C. H. Spencer, M.D.
308½ Superior, Albion
Sutton, Margaret.....R. L. Mustard, M.D.
R. A. Stiefel, M.D.
J. W. Hubly, M.D.
1407 Security Bank Bldg., Battle Creek
Trudgeon, June.....J. Rosenfeld, M.D.
158 Capital Ave. N.E., Battle Creek
Vandervoort, Betty.....L. R. Keagle, M.D.
196 North Ave., Battle Creek
Wedel, Judy Lee.....J. C. Griffith, M.D.
616 Mich. Nat'l Bank, Battle Creek
Wensley, Elizabeth.....R. G. Finnie, M.D.
118 E. Walnut St., Hastings
Williams, Helen.....Alice Campbell, M.D.
103 Mulberry, Albion
Wyman, Marilyn.....R. Campbell, M.D.
J. Power, M.D.
C. Stephenson, M.D.
140 Capital Ave. N.E., Battle Creek

Associate Members

Moffitt, Irene.....890 Capital Ave. N.E., Battle Creek
Robinson, Atholyn....204 W. Roosevelt Ave., Battle Creek
Taylor, Addie.....5 John Rd., Battle Creek

DETROIT (WAYNE COUNTY)

Number of Members, 95

Anderson, Mrs. Wilma.....J. C. Reid, M.D.
1337 David Whitney Bldg., Detroit 26
Aston, Barbara.....G. E. Zook (Laboratory)
309 Monitor Leader Bldg., Mt. Clemens
Bachman, Theresa.....William Summers, M.D.
1613 David Whitney Bldg., Detroit 26
Bajorek, Elaine.....A. W. Eckhous, M.D.
1315 Kales Bldg., Detroit 26
Baker, Helen.....W. Sheldon, M.D.
J. Birmingham, M.D.
14215 W. McNicholas, Detroit 35
Baker, Mary Jayne.....R. F. McNeill, M.D.
119 Kercheval, Grosse Pointe Farms
Ball, Babs.....Doctor's Group
2336 Van Alstyne, Wyandotte
Barbaglia, Regina.....E. C. Baumgarten, M.D.
T. W. Baumgarten, M.D.
8045 E. Jefferson, Detroit
Bartlett, Esther.....R. L. Novy, M.D.
858 Fisher Bldg., Detroit 2
Belasco, Mrs. Velma.....E. T. Capuzzio, M.D.
Atchison, M.D.
Wetterstrom, M.D.
501 W. Dunlap, Northville
Billings, Mrs. Jacqueline.....R. J. Arrington, M.D.
7811 Oakland, Detroit 11
Cadieux, Mrs. Luella.....H. E. Schmidt, M.D.
667 Fisher Bldg., Detroit
Campbell, Beverley.....J. C. Tapert, M.D.
888 Chalmers, Detroit 15
Capshaw, Mrs. Alice.....R. Tupper, M.D.
15105 W. Seven Mile Rd., Detroit
Ceaser, Mrs. Ruth.....C. W. Lepard, M.D.
1025 David Whitney Bldg., Detroit 26
Cheung, Alice.....D. N. Morgan, M.D.
1807 David Whitney Bldg., Detroit 26
Clemens, Mrs. Ida.....J. F. Wenzel, M.D.
1006 Kales Bldg., Detroit 26
Coe, Patricia.....A. G. Goetz, M.D.
J. C. Day, M.D.
H. R. Hume, M.D.
702 David Whitney Bldg., Detroit 26
Coffman, Sarah.....E. A. Osius, M.D.
901 David Whitney Bldg., Detroit 26
Cousineau, Mrs. Thelma.....C. Gitlin, M.D.
15301 W. Nine Mile Rd., Oak Park 37
Cross, Mrs. Mary Jane.....J. E. Van Eck, M.D.
1716 E. Grand Blvd., Detroit 11
Davidovick, Nada.....S. W. Trythall, M.D.
13300 Livernois, Detroit 38
DeHayes, Mrs. Margaret.....W. N. Sims, M.D.
R. E. Bogue, M.D.
J. L. Kitzmiller, M.D.
612 Monitor Leader Bldg., Mt. Clemens
DeYoung, Dorothy.....A. Vossler, M.D.
825 David Whitney Bldg., Detroit 26
Drake, Margaret.....E. A. Hoffman Clinic
7615 W. Vernor Hwy., Detroit 9
Eifert, Mrs. Margaret.....H. L. Keim, M.D.
1110 David Broderick Tower, Detroit 26
Eisenmann, Anita.....E. J. Neill, M.D.
8045 E. Jefferson, Detroit 14
Fletke, Mrs. Courtney Jane.....R. E. Bogue, M.D.
J. L. Kitzmiller, M.D.
15800 W. McNicholas Rd., Detroit 25
Flynn, Maxine.....E. Sager, M.D.
13902 Gratiot, Detroit 5
Fogt, Dorothy.....R. G. Fogt, M.D.
H. Fogt, M.D.
11801 Morang, Detroit 24
Foley, Coleen J.....L. C. Wassermann, M.D.
300 W. McNicholas, Highland Park
Gasperson, Mrs. Nelda.....V. Curatolo, M.D.
D. L. Rousseau, M.D.
610 Monitor Leader Bldg., Mt. Clemens
Gesell, Mrs. Betty.....D. Shumaker, M.D.
H. V. Morley, M.D.
G. L. Reno, M.D.
970 Fisher Bldg., Detroit 2
Graham, Mrs. Ruth.....H. G. West, M.D.
12739 Puritan, Detroit 27
Grigsby, Mrs. June.....H. K. Koschnitzke, M.D.
1221 Lincoln, Lincoln Park
Gustaf, Mrs. Barbara.....M. S. Brent, M.D.
A. Alexander, M.D.
13503 Northlawn, Detroit 38
Hall, Patricia.....T. H. Murray, M.D.
19345 W. McNicholas, Detroit 35
Hippe, Mrs. Evelyn.....C. J. Bogucki, M.D.
11455 E. McNicholas, Detroit 34
Hughes, Mrs. Gladys.....C. W. Lepard, M.D.
413 Fisher Rd., Grosse Pointe 30
Jagger, Mavis.....J. C. Tapper, M.D.
888 Chalmers, Detroit 15
Jarrard, Doris.....Michigan State Medical Society
1010 Antietam, Detroit 7
Karl, Barbara.....M. J. Hauser, M.D.
7411 Third, Detroit 2
Karl, Mary Ann.....L. Leader, M.D.
1129 David Whitney Bldg., Detroit 26

Kavan, Mrs. Dolores.....B. R. Parker, M.D.
19149 W. Seven Mile Rd., Detroit
Kobylka, Dolores.....J. Cunningham, M.D.
W. Sheldon, M.D.
14215 W. McNicholas, Detroit 35
Kotsch, Elizabeth.....W. Anderson, M.D.
1217 David Whitney Bldg., Detroit 26
Larry, Joan.....F. B. MacMillan, M.D.
920 David Whitney Bldg., Detroit 26
Lojowski, Lydia.....P. Klosterman, M.D.
2900 W. Grand Blvd., Detroit 2
Lowrie, Mrs. K. Phyllis.....W. A. Stryker, M.D.
2850 First St., Wyandotte
Ludin, Mrs. Gilda.....W. Sheldon, M.D.
14215 W. McNicholas, Detroit 35
MacQuesten, Mrs. Alyce.....W. N. Sims, M.D.
612 Monitor Leader Bldg., Mt. Clemens
Malkey, Grace.....M. R. McQuiggan, M.D.
C. Corbeille, M.D.
R. Turner, M.D.
1050 Fisher Bldg., Detroit 2
Marsh, Mrs. Mabel.....N. Levitt, M.D.
607 Kales Bldg., Detroit 26
McCartney, Elizabeth.....H. A. Dunlap, M.D.
7815 E. Jefferson, Detroit 14
McIntosh, Mrs. Cora.....C. Matthews, M.D.
91 Cass Ave., Mt. Clemens
Miller, Mrs. Virginia.....C. F. Schroeder, M.D.
7815 E. Jefferson, Detroit 14
Morgan, Mrs. Dorothe K.....F. J. Fisher, M.D.
654 Fisher Bldg., Detroit 2
Morgan, Mrs. Rae.....E. H. Sieber, M.D.
J. W. Pichette, M.D.
15112 Michigan Ave., Dearborn
Murphy, Patricia.....R. Crossen, M.D.
933 David Whitney Bldg., Detroit 26
Navin, Mary.....H. Sands, M.D.
24100 Oxford, Dearborn
Palmer, Mrs. Marilyn.....C. Jackson France, M.D.
17712 Mack Ave., Grosse Pointe 24
Peters, Mary.....R. L. Larned, M.D.
14182 Gratiot, Detroit 5
Rastique, Mrs. Margaret.....S. B. Ekelman, M.D.
37546 S. Gratiot, Mt. Clemens
Redman, Marlouise.....W. Moore, M.D.
R. K. Whitely, M.D.
541 David Whitney Bldg., Detroit 26
Regnaert, Mrs. Esther.....H. T. Munson, M.D.
R. Whitcock, M.D.
18350 Mack Ave., Grosse Pointe Farms
Rice, Mrs. Jacqueline.....M. J. LaBerge, M.D.
R. W. Ridge, M.D.
100 Oak St., Wyandotte
Ring, Mrs. Louise.....J. Woolfenden, M.D.
20055 Mack Ave., Detroit 24
Rodones, Mary.....O. Brien, M.D.
Wm. Tuttle, M.D.
307 David Whitney Bldg., Detroit 26
Rogers, Mrs. Polly.....S. H. Bennett, M.D.
15301 W. Nine Mile Rd., Oak Park
Rutila, Louise.....H. Smathers, M.D.
14219 W. McNicholas, Detroit 35
Sager, Mrs. Edna.....J. Shapiro, M.D.
14634 E. Seven Mile Rd., Detroit 5
Schneider, Loretta.....M. Hoffman, M.D.
1311 David Whitney Bldg., Detroit 26
Seloski, Amelia.....C. F. Dodenhoff, M.D.
H. G. Simon, M.D.
18031 Kelly Rd., Detroit 5
Sheldon, Lois Jean.....I. H. Hauser, M.D.
7411 Third Ave., Detroit 2
Smith, Mrs. Norma.....I. Weisenthal, M.D.
5764 Woodward, Detroit 2
Stark, Mary Kay.....B. C. Ross, M.D.
4493 Fourteenth St., Detroit 8
Steckel, Mrs. Cora.....M. Brent, M.D.
N. Feldman, M.D.
11420 Mack, Detroit 14
Stewart, Mrs. Virginia.....F. D. Goudie, M.D.
L. G. Heyman, M.D.
19001 W. Seven Mile Rd., Detroit 19
Todt, Mrs. Claire.....J. P. Hubbard, M.D.
14620 E. Seven Mile Rd., Detroit 5
Tompkins, Mrs. Ramona.....M. J. Wiener, M.D.
804 Kales Bldg., Detroit 26
Trainor, Ruth.....K. Weber, M.D.
18101 E. Warren, Detroit 24
Utecht, Elaine.....A. L. Steinback, M.D.
L. W. Melander, M.D.
1229 David Whitney Bldg., Detroit 26
Vogel, Phyllis.....A. R. Hummel, M.D.
A. A. Ulmer, M.D.
8845 E. Jefferson, Detroit 14
Voss, Loretta.....O. Geib, M.D.
341 Main St., Rochester
Webb, Mary.....J. Rivkin, M.D.
44 S. Gratiot, Mt. Clemens
Webster, Mrs. Sarah.....H. Sullivan, M.D.
H. C. Moritz, M.D.
1053 David Whitney Bldg., Detroit 26
West, Mary.....E. J. Knaggs, M.D.
2387 Fort St., Wyandotte
Wheeler, Mrs. Margaret.....W. Tuttle, M.D.
307 David Whitney Bldg., Detroit 26
Whitcomb, Gwen.....William S. Reveno, M.D.
968 Fisher Bldg., Detroit 2
Woody, Doris.....A. J. Arrington, M.D.
7811 Oakland, Detroit 11
Wolfe, Mary Rose.....A. Wells, M.D.
17201 W. McNicholas Rd., Detroit 35
Zelle, Elizabeth.....I. Botvinick, M.D.
13701 W. Seven Mile Rd., Detroit 35

Associate Members

Badowski, Celia.....4720 McDougall, Detroit 11
Currier, Mildred.....10 Louise Ave., Highland Park
Heidelberger, Freda.....1438 Ferry Park, Detroit 8

EATON COUNTY

Number of Members, 13

Clarke, Velma.....Eaton Rapids Community Hospital
Eaton Rapids
Cole, Helen.....B. P. Brown, M.D.
339 S. Cochran, Charlotte
Cooper, Sally.....R. E. Landick, M.D.
111 S. Cochran, Charlotte
Crandall, Bess.....J. Riley, M.D.
201½ S. Cochran, Charlotte
Davis, Judy.....Eaton Rapids Community Hospital
Eaton Rapids
Fuller, Catherine.....C. L. DeLand, M.D.
121 S. Main, Olivet
Jodron, Mary E.....Eaton Rapids Community Hospital
Eaton Rapids
Lease, Lois L.....Eaton Rapids, Community Hospital
Eaton Rapids
Marple, June.....J. Riley, M.D.
201½ S. Cochran, Charlotte
Robinson, Luella.....C. L. DeLand, M.D.
121 S. Main, Olivet
Stevens, Shirley.....Eaton Rapids Community Hospital
Eaton Rapids
Van Auker, Mary.....Eaton Rapids Community Hospital
Eaton Rapids
Wenger, Eileen.....Hayes-Green-Beach Hospital
Charlotte

GENESEE COUNTY
Number of Members, 52

Ames, Mrs. Thelma.....R. Scott, M.D.
1215 Detroit St., Flint 6
Attaway, Mrs. Elizabeth.....W. C. Baird, M.D.
2765 Flushing Rd., Flint
Bartlett, Mrs. Shirley.....S. N. Lyttle, M.D.
615 Mott Bldg., Flint 3
Bradley, Mrs. Caroline.....B. Parliament, M.D.
1312 Mott Bldg., Flint 4
Birk, Mrs. Bernice.....Hurley Hospital
Flint
Carto, Aili.....T. Finkelstein, M.D.
H. L. Varney, M.D.
1415 Broadway Blvd., Flint 6
Coombs, Mrs. Eva.....T. Finkelstein, M.D.
1415 Broadway Blvd., Flint 6
Davis, Lenora.....R. Anderson, M.D.
3002 Mason St., Flint
Domine, Lucille.....R. S. Van Horn, M.D.
1651 Detroit St., Flint 6
Elliott, Mrs. Selma.....W. Morrison, M.D.
205 Perry Rd., Flint
English, Mrs. Dorothy.....S. Sorkin, M.D.
718 Beach St., Flint
Finton, Mrs. Jonnet.....F. A. Barbour, M.D.
1433 Mott Bldg., Flint
Ford, Mrs. Lucille.....J. Schultz, M.D.
3327 Fleming Rd., Flint 4
Foster, Mrs. Maybelle.....R. F. Hague, M.D.
210 E. Court St., Flint
Greenman, Mrs. May.....J. Portney, M.D.
428 Stevens St., Flint 3
Haario, Mrs. Barbara.....L. Bateman, M.D.
1928 Lewis St., Flint 6
Hagerty, Katherine.....G. Anthony, M.D.
1016 Detroit St., Flint 4
Hatfield, Mrs. Martha.....R. Ettinger, M.D.
111 Walnut St., Fenton
Hunt, Mrs. Ardith.....R. M. Ragan, M.D.
R. A. Dykewicz, M.D.
2768 Flushing Rd., Flint
Higgins, Mrs. Helen.....B. S. Farah, M.D.
J. Quinn, Jr., M.D.
2765 Flushing Rd., Flint 4
Jaarsma, Mrs. Nancy (Poe).....R. A. Jaarsma, M.D.
2765 Flushing Rd., Flint 4
Johnson, Mrs. Ann.....W. F. Buchanan, M.D.
J. A. Martin, M.D.
238 Caroline St., Fenton
Kile, Mrs. Julia.....R. Michelson, M.D.
5001 N. Saginaw St., Flint
Kontyko, Mrs. Marguerite.....T. Finkelstein, M.D.
1415 Broadway Blvd., Flint 6
Lande, Mrs. Grace.....L. Kaufman, M.D.
4002 N. Saginaw, Flint 5
Lundgren, Mrs. Ethel.....J. Manwaring, M.D.
1654 Seminole, Flint 3
Marran, Eileen.....J. E. Wentworth, M.D.
1651 Chevrolet Ave., Flint 4
Martin, Mrs. Katherine.....J. R. Grommons, M.D.
1654 Seminole, Flint 3
Milliken, Mrs. Madelyn.....C. Richards, M.D.
213 Mercer, Durand
McFadden, Lorraine.....G. Beyer, M.D.
3337 W. Vienna Rd., Clio
Moore, Ruth.....R. H. Willard, M.D.
M. L. Sorkin, M.D.
M. D. Zeis, M.D.
718 Beech St., Flint 3
Neault, Mrs. Virginia.....F. H. Steinman, M.D.
734 Mott Bldg., Flint
Niec, Mrs. Patricia Ann.....R. M. Ragan, M.D.
2768 Flushing Rd., Flint 4
O'Berry, Mrs. Emily.....C. Hurd, M.D.
300 Robert St., Fenton
Pasco, Mrs. Irene.....C. Hurd, M.D.
300 Robert St., Fenton
Paxton, Mrs. Dorothy.....M. N. Farhat, M.D.
815 E. Court St., Flint
Pillen, Mrs. Joyce.....W. H. Morrison, M.D.
Grand Blanc
Sadler, Mrs. Joyce.....F. Steinman, M.D.
517 Mott Bldg., Flint
Sharon, Mary Lou.....H. V. Sparks, M.D.
Flushing Rd., Flint
Shroyer, Mrs. Ilah.....G. Rieth, M.D.
1402 Davison Rd., Flint 6
Smith, Mrs. Dorothy.....L. Bateman, M.D.
1928 Lewis St., Flint 6
Steinman, Mrs. Mildred.....W. H. Morrison, M.D.
Grand Blanc
Swartour, Mrs. Juanita.....L. Shantz, M.D.
1239 Mott Bldg., Flint
Taylor, Mrs. Mildred.....L. D. Kaufman, M.D.
4002 N. Saginaw St., Flint 5
Tarrant, Mrs. Norine.....C. K. Dettman, M.D.
Montrose
Thomas, Mrs. Ilah.....R. N. Engelman, M.D.
2765 Flushing Rd., Flint 4
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William F. Buchanan, M.D.
238 N. Caroline, Finton
Wessendorg, Mrs. Jean.....F. V. Wade, M.D.
1303 Mott Bldg., Flint
Wood, Mrs. Eleanor.....E. Bernstein, M.D.
316 Kresge Bldg., Flint 3
Wood, Mrs. Hollis.....E. Bernstein, M.D.
316 Kresge Bldg., Flint 3
Yerkey, Mrs. Donna.....J. Batdorf, M.D.
Grand Blanc

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Kjillin, Mrs. Lillian (Simmons).....3702 Keller, Flint

HOUGHTON-BARAGA-KEWEENAW COUNTIES
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208 Quincy St., Hancock
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Houghton Branch, Houghton
Coon, Vivian.....Michigan State Health Dept.,
Houghton Branch, Houghton
DeCaire, Mrs. Beatrice....Michigan State Health Dept.,
Houghton Branch, Houghton
Heide, Mary.....P. S. Sloan, M.D.
Houghton
Warner, Mrs. Ann.....A. B. Aldrich, M.D.
Houghton

JACKSON COUNTY
Number of Members, 60

Albright, Mrs. Anne.....J. W. Rice, M.D.
421 McNeal St., Jackson
Bechrol, Mrs. Marjre.....J. E. Ludwick, M.D.
J. P. Ludwick, M.D.
237 W. Washington Ave., Jackson
Beemer, Mrs. Joette.....G. C. Hardie. M.D.
724 W. Michigan Ave., Jackson
Burke, Jan.....E. Adams, M.D.
517 Wildwood Ave., Jackson
Burke, Mrs. Lois.....D. F. Kudner, M.D.
435 Wildwood Ave., Jackson
Cass, Mrs. Evelyn.....J. Scott, M.D.
432 W. Michigan Ave., Jackson
Chappell, Margaret.....H. K. Filip, M.D.
755 W. Michigan Ave., Jackson
Collins, Mrs. Aleta.....H. L. Oster, M.D.
1218 Greenwood Ave., Jackson
Collins, Mrs. Marion.....R. Medlar, M.D.
719 17th St., Jackson
Crippen, Mrs. Doris.....E. F. Luh, M.D.
328 W. Franklin, Jackson
Drummond, Mrs. Marie.....R. Kobs, M.D.
608 W. Michigan Ave., Jackson
Duffey, Mrs. Helen.....E. Stone, M.D.
721 Seventeenth St., Jackson
Ferman, Mrs. Jaunita.....G. L. Otis, M.D.
525 Wildwood Ave., Jackson
Green, Mrs. Stella.....F. Van Schoick, M.D.
419 W. High St., Jackson
Griffes, Mrs. Wanetta.....D. Landron, M.D.
4633 Page Ave., Michigan Center
Grossman, Mrs. Nellie.....N. D. Monro, M.D.
740 W. Michigan Ave., Jackson
Habenicht, Mrs. Federica.....H. Habenicht, M.D.
545 Lansing Ave., Jackson
Hackenberg, Mrs. Dorothy.....L. Morelli. M.D.
401 W. Prospect, Jackson
Hansen, Mrs. Frances.....W. A. Wickham, M.D.
435 Wildwood Ave., Jackson
Hoeg, Mrs. Ruth.....D. F. Kudner, M.D.
435 Wildwood Ave., Jackson
Hoover, Mrs. Twyla.....J. H. Ahroheim, M.D.
205 N. East Ave., Jackson
Howard, Mrs. Onalee.....E. Adams, M.D.
517 Wildwood Ave., Jackson
Jeffery, Mrs. Beth.....D. F. Kudner, M.D.
435 Wildwood Ave., Jackson
Johnson, Violet.....F. I. Van Wagnen, M.D.
434 Wildwood Ave., Jackson
Kenny, Mari.....E. C. Lake, M.D.
612 First St., Jackson
Knepper, Mrs. Margaret.....L. L. Olsen, M.D.
R. E. Finton, M.D.
610 W. Michigan Ave., Jackson
Kolter, Mrs. Madeline.....D. F. Kudner, M.D.
435 Wildwood Ave., Jackson
Kristoff, Mrs. Elizabeth.....E. C. Corley, M.D.
1401 Reynolds Bldg., Jackson
Lantis, Mrs. Pearl.....E. A. Thayer, M.D.
1104 National Bank Bldg., Jackson
Latham, Mrs. Pattie.....J. Bentley, M.D.
M. Bentley, M.D.
2532 Spring Arbor Rd., Jackson
Mandeville, (Krolikowski) Mrs. Louise....E. Stone, M.D.
721 Seventeenth St., Jackson
McGuire, Mrs. Diane.....T. E. Schmidt, M.D.
1202 Reynolds Bldg., Jackson
McRae, Mrs. Beatrice.....J. B. Holst, M.D.
606 City Bank Bldg., Jackson
Mendez, Mary Lou.....J. W. Wholihan, M.D.
604 W. Michigan Ave., Jackson
Miller, Mrs. Beatrice.....J. Bentley, M.D.
M. Bentley, M.D.
2532 Spring Arbor Rd., Jackson
Nanry, Mrs. Carolyn.....E. C. Lake, M.D.
612 First St., Jackson
Paul, Anna.....H. Greenbaum, M.D.
1203 Greenwood Ave., Jackson
Phelps, Mrs. Evelyn.....J. E. Ludwick, M.D.
J. P. Ludwick, M.D.
237 W. Washington Ave., Jackson
Porter, Mrs. Ruth.....J. W. Rice, M.D.
421 McNeal St., Jackson
Renner, Mrs. Ruth.....W. A. Foote Hospital
205 N. East Ave., Jackson
Repasy, Mrs. Dolores.....City Health Department
312 S. Jackson St., Jackson
Rountree, Mary Jo.....R. C. Deming, M.D.
C. A. Stolberg, M.D.
724 W. Franklin St., Jackson
Rutan, Cecile D.....J. D. Van Schoick, M.D.
212 W. Main St., Hanover
Schulz, Mrs. Mary.....F. P. McQuillan, M.D.
611 Center St., Jackson
Seagert, Mrs. Vadah.....A. Sirhal, M.D.
Brooklyn
Shotwell, Mrs. Letha.....R. C. Deming, M.D.
C. A. Stolberg, M.D.
724 W. Franklin St., Jackson
Smith, Mrs. Dorothy.....A. M. Shaffer, M.D.
1615 Carlton Blvd., Jackson
Stabenow, Mrs. June.....B. M. Daly, M.D.
297 W. Michigan Ave., Jackson
Stage, Mrs. Judy.....L. L. Olsen, M.D.
R. E. Finton, M.D.
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Story, Marion.....W. A. Foote Hospital
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Studley, Mrs. Janet (Walters).....G. C. Hardie, M.D.
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Todd, Mrs. Margaret.....S. Sugar, M.D.
509 Reynolds Bldg., Jackson
Vinson, Mrs. Pearl.....W. A. Foote Memoral Hospital
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501 Dwight Bldg., Jackson
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C. A. Stolberg, M.D.
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724 W. Michigan Ave., Jackson
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L. Sargent, M.D.
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Woodward, Mrs. Mary Joyce.....L. L. Olson, M.D.
R. E. Finton, M.D.
610 W. Michigan Ave., Jackson
Woodfield, Mrs. Betty.....J. E. Ludwick, M.D.
J. P. Ludwick, M.D.
237 W. Washington Ave., Jackson

Associate Member

Burdick, Mrs. Thelma.....410 N. Pleasant St., Jackson

INGHAM COUNTY
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810 Mich. Nat'l Tower Bldg., Lansing
Bedwin, Mrs. Florence.....D. J. Aiken, M.D.
Grand River and Grandview, Okemos
Bellinger, Mrs. Louella.....William E. Clark, M.D.
D. A. Cairns, M.D.
136 W. Ash, Mason
Bennett, Mrs. Sally.....I. Silverman, M.D.
2909 E. Grand River, Lansing
Block, Mrs. Ruthjane.....R. W. Pomeroy, M.D.
609 N. Washington Ave., Lansing
Brandis, Mrs. Dorothy.....C. J. Stringer, M.D.
A. L. Stanley, M.D.
401 W. Greenlawn, Lansing
Bruner, Mrs. Jane.....W. O. Badgley, M.D.
624 N. Capital Ave., Lansing
Dean, Mrs. Pauline.....C. F. Holland, M.D.
J. F. Scallin, M.D.
125 W. Saginaw St., Lansing
Dow, Mrs. Thelma.....F. M. Dunn, M.D.
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English, Mrs. Helen.....Ingham Chest Hospital
401 W. Greenlawn, Lansing
Frenchen, Jean Marie.....A. D. Calomeni, M.D.
309 Seymour, Lansing
Garrison, Mrs. Lydia Ruth.....William E. Clark, M.D.
D. A. Cairns, M.D.
136 W. Ash, Mason
Gaskun, Mrs. Kathleen.....F. B. Hackert, M.D.
1105 Bank of Lansing Bldg., Lansing
Gettz, Mrs. Zelma.....C. J. Stranger, M.D.
A. L. Stanley, M.D.
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Gilmore, Mrs. Virginia.....W. E. Stephan, M.D.
301 Seymour, Lansing
Grams, Carol A.....D. LeDuc, M.D.
317 W. St. Joseph, Lansing
Hermes, Mrs. Dawn.....E. J. Hermes, M.D.
604 W. Willow, Lansing
Holmes, Mrs. Marilyn.....H. W. Harris, M.D.
609 N. Washington, Lansing
Hyde, Mrs. Dorothy.....R. W. Pomeroy, M.D.
609 N. Washington, Lansing
Ilten, Mrs. Rudi.....H. W. Malcolm, M.D.
401 W. Grand River, East Lansing
King, Elaine Mary.....F. M. Dunn, M.D.
301 Seymour, Lansing
Labyak, Janice Marie.....R. Worthington, M.D.
801 W. Saginaw, Lansing
Little, Mrs. Dorothy.....P. R. Stimson, M.D.
515 S. Grand Ave.. Lansing
McAttee, Mrs. Helen.....S. H. Rutledge, M.D.
110 W. Hillsdale, Lansing
McLean, Mrs. Eleanor.....F. L. Bevez, M.D.
1515 W. Mt. Hope, Lansing
Malcangi, Emma.....Sparrow Hospital
1215 E. Michigan Ave., Lansing
Mee, Mrs. Dorothy.....H. W. Harris, M.D.
R. W. Pomeroy, M.D.
609 N. Washington Ave., Lansing
Miller, Mrs. Donna.....P. C. Spencer, M.D.
320 Townsend, Lansing
Morgan, Mrs. Eileen C.....J. K. Heckert, M.D.
1105 Bank of Lansing Bldg., Lansing
Parkinson, Mrs. Barbara.....H. W. Harris, M.D.
R. W. Pomeroy, M.D.
609 N. Washington Ave., Lansing
Penner, Mrs. Clella.....H. W. Harris, M.D.
609 N. Washington Ave., Lansing
Porterfield, Ruth.....P. C. Spencer, M.D.
320 Townsend, Lansing
Preston, Mrs. Erleen.....E. W. Brubaker, M.D.
1406 Bank of Lansing Bldg., Lansing
Priest, Pauline.....J. F. Sander, M.D.
4780 Okemos Rd., Okemos
Rasmussen, Eleanor.....K. J. Feeney, M.D.
1908 Mich. Nat'l Tower Bldg., Lansing
Rathbun, Mrs. Beatrice.....E. W. Brubaker, M.D.
1406 Bank of Lansing Bldg., Lansing
Reynolds, Mrs. Margaret.....D. M. LeDuc, M.D.
317 W. St. Joseph, Lansing
Richardson, Mrs. Beth.....S. R. Govons, M.D.
408 N. Capitol Ave., Lansing
Schaible, Mrs. Joyce.....W. O. Badgley, M.D.
624 N. Capitol Ave., Lansing
Trethewey, Mrs. Elvi.....C. J. Stringer. M.D.
401 W. Greenlawn Ave., Lansing
Turk, Mrs. Bernice.....R. C. Bates, M.D.
2909 E. Grand River, Lansing
Warner, Mrs. Orine Alberta.....R. C. Bassett, M.D.
601 S. Capitol Ave., Lansing
Woolhouse, Mrs. Marguerite.....M. Shaw, M.D.
320 Townsend, Lansing
Wyman, Mrs. Mary.....Ingham Chest Hospital
401 W. Greenlawn Ave., Lansing

KALAMAZOO COUNTY
Number of Members, 128

Angel, Mrs. Lila.....R. K. Currier, M.D.
D. A. Haddock, M.D.
V. Berglund, M.D.
6646 Portage Rd., Kalamazoo
Annen, Mrs. Catharina.....W. B. Crane, M.D.
420 S. Rose St., Kalamazoo
Ash, Mrs. Charlotte.....H. H. Stryker, M.D.
G. Howard, M.D.
R. E. DeLong, M.D.
Borgess Hospital, Kalamazoo
Baeuerle, Mrs. Ardys.....J. Loynd, M.D.
1324 S. Park St., Kalamazoo
Blackmore, Mrs. Violet.....D. May, M.D.
516 Whites Rd., Kalamazoo
Boes, Mrs. Ileane.....E. Betz, M.D.
1711 Merrill St., Kalamazoo
Borst, Mrs. Evelyn.....F. C. Cretsinger, M.D.
S. E. Andrews, M.D.
224 E. Cedar St., Kalamazoo
Boysen, Mrs. Margaret.....F. E. Clement, M.D.
420 John St., Kalamazoo
Brady, Patricia.....Borgess Hospital
Gull Rd., Kalamazoo
Brainard, Mrs. Norine.....P. Cooper, M.D.
C. G. Callander, M.D.
220 Bronson Medical Center, Kalamazoo
Burkam, Mrs. Bethal.....R. D. Warnke, M.D.
203 Borgess Medical Center, Kalamazoo
Burgert, Beverly.....D. W. McMillan, M.D.
1631 Gull Rd., Kalamazoo
Byington, Virginia.....J. V. Fopeano, M.D.
1711 Merrill St., Kalamazoo

Chappell, Mrs. Marguerite.....M. Peelen, M.D.
K. VanderVelde, M.D.
T. A. McLennan, M.D.
320 Bronson Medical Center, Kalamazoo
Conway, Mrs. Marcella.....J. Malone, M.D.
420 John St., Kalamazoo
Corzine, Mrs. Dorothy.....W. B. Crane, M.D.
420 S. Rose St., Kalamazoo
Crossley, Mrs. Laura.....H. S. Heersma, M.D.
R. R. Dew, M.D.
1711 Merrill St., Kalamazoo
DeHoog, Mrs. Dora.....Kalamazoo State Hospital
Oakland Dr., Kalamazoo
Dines, Mrs. Janet.....A. J. Neerken, M.D.
1318 Amer. Nat'l Bank Bldg., Kalamazoo
Duyser, Mrs. Dorothy.....F. C. Ryan, M.D.
L. R. Banner, M.D.
106 Borgess Medical Center, Kalamazoo
Dziewicki, Walterina.....R. Armstrong, M.D.
K. Slatmyer, M.D.
William Marshall, M.D.
R. Stewart, M.D.
605 Hanselman Bldg., Kalamazoo
Eddy, Mrs. Betty.....M. H. Zolen, M.D.
628 S. Park St., Kalamazoo
Eddy, Mrs. Doris.....P. Cooper, M.D.
220 Bronson Medical Center, Kalamazoo
Elsenheimer, Mrs. Helen.....Radiology
458 W. South St., Kalamazoo
Engel, Virginia.....W. K. Locklin, M.D.
C. A. Gardner, M.D.
1410 Amer. Nat'l Bank Bldg., Kalamazoo
Farwell, Mrs. Dessie.....J. W. Kavanaugh, M.D.
206 Borgess Medical Center, Kalamazoo
Fessenden, Hazel.....K. Currier, M.D.
D. Haddock, M.D.
V. A. Berglund, M.D.
6646 Portage St., Kalamazoo
Flynn, Mrs. Edith.....H. E. DePree, M.D.
216 Bronson Medical Center, Kalamazoo
Foreman, Mrs. Donna.....R. N. Kilgore, M.D.
R. E. Boyd, M.D.
302 Bronson Medical Center, Kalamazoo
Foster, Mrs. Beverly.....Radiology
458 W. South St., Kalamazoo
Fox, Mrs. Frances.....William Birch, M.D.
C. O. Peake, M.D.
212 Bronson Medical Center, Kalamazoo
Fox, Marcia.....Prentice Clinical Laboratory
463 Academy St., Kalamazoo
Francisco, Mrs. Beverly.....P. Cooper, M.D.
C. G. Callander, M.D.
220 Bronson Medical Center, Kalamazoo
Gildea, Burlene.....Prentice Clinical Laboratory
463 Academy St., Kalamazoo
Gildea, Mrs. Virginia.....M. B. Sofen, M.D.
603 Kalamazoo Bldg., Kalamazoo
Goff, Mrs. Mildred.....S. Andrews, M.D.
C. Cretsinger, M.D.
224 E. Cedar St., Kalamazoo
Grabber, Mrs. Grace.....L. Goodhue, M.D.
2503 W. Main St., Kalamazoo
Graham, Mrs. Shirley.....D. Dahlstrom, M.D.
723 S. Westnedge Ave., Kalamazoo
Green, Mrs. Jean.....W. Borgman, M.D.
201 Borgess Medical Center, Kalamazoo
Haessig, Mrs. Gertrude.....M. N. Southworth, M.D.
Schoolcraft
Halbert, Elizabeth.....C. A. Alexander, M.D.
118 W. North St., Kalamazoo
Hall, Annette.....D. G. May, M.D.
516 Whites Rd., Kalamazoo
Harding, Phyllis.....R. Nicholson, M.D.
1711 Merrill St., Kalamazoo
Harrison, Mrs. Betty.....D. C. Rockwell, M.D.
1418 Amer. Nat'l Bank Bldg., Kalamazoo

Havens, Lillian.....R. B. Burrell, M.D.
1711 Merrill St., Kalamazoo
Hays, Mrs. Louise.....William Klerk, M.D.
914 S. Burdick St., Kalamazoo
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C. M. Hansen, M.D.
R. M. Cashen, M.D.
217 Bronson Medical Center, Kalamazoo
Highfield, Mrs. Lois.....J. W. Loynd, M.D.
1324 S. Park St., Kalamazoo
Howell, Mrs. Jodene.....Kalamazoo State Hospital
Kalamazoo
Hudson, Mrs. Doris.....M. MacDonald, M.D.
312 Bronson Medical Center, Kalamazoo
Hudson, Mrs. Ella.....H. A. Machin, M.D.
420 John St., Kalamazoo
Hurni, Mrs. Joyce.....William Birch, M.D.
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212 Bronson Medical Center, Kalamazoo
Johnson, Vava.....F. J. Margolis, M.D.
J. Dugger, M.D.
2901 S. Westnedge Ave., Kalamazoo
Kenyon, Marjorie.....Prentice Clinical Laboratory
463 Academy St., Kalamazoo
Kirk, Kay.....F. C. Cretsinger, M.D.
S. E. Andrews, M.D.
224 E. Cedar St., Kalamazoo
Knepper, Mrs. Mary T.....S. Andrews, M.D.
C. Cretsinger, M.D.
224 E. Cedar St., Kalamazoo
Kuekl, Mrs. Barbara.....Radiology
458 W. South St., Kalamazoo
Laity, Helen.....M. Peelen, M.D.
K. VanderVelde, M.D.
T. McLennan, M.D.
320 Bronson Medical Center, Kalamazoo
Lanphear, Mrs. Virginia.....R. Lemmer, M.D.
201 Bronson Medical Center, Kalamazoo
Lattin, Charmion.....W. K. Lockin, M.D.
C. A. Gardner, M.D.
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Lint, Mrs. Mary Ann.....D. Wilson, M.D.
1223 S. Park St., Kalamazoo
Louis, Mrs. Virginia.....R. Warnke, M.D.
202 Borgess Medical Center, Kalamazoo
Luegge, Mrs. N. Jean.....H. S. Heersma, M.D.
R. R. Dew, M.D.
1711 Merrill St., Kalamazoo
Maentz, Mrs. Frances.....R. Armstrong, M.D.
K. Slatmyer, M.D.
William Marshall, M.D.
R. Stewart, M.D.
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Mannion, Mrs. Florence.....C. R. Moe, M.D.
1324 S. Park St., Kalamazoo
Marquardt, Phyllis.....S. Andrews, M.D.
C. Cretsinger, M.D.
224 E. Cedar St., Kalamazoo
Massey, Mrs. Barabara.....H. A. Machin, M.D.
420 John St., Kalamazoo
McHughston, Mrs. Shirley.....M. M. Conrad, M.D.
C. M. Hanson, M.D.
R. M. Cashen, M.D.
217 Bronson Medical Center, Kalamazoo
Monk, Betty Jo.....H. S. Heersma, M.D.
R. Dew, M.D.
1711 Merrill St., Kalamazoo
Mori, Mrs. Merebeth.....R. Armstrong, M.D.
K. Slatmyer, M.D.
William Marshall, M.D.
R. Stewart, M.D.
605 Hanselman Bldg., Kalamazoo
McHugh, Mrs. Betty.....William Birch, M.D.
212 Bronson Medical Center, Kalamazoo
McMahan, Mrs. Dorothy.....C. A. Alexander, M.D.
118 W. North St., Kalamazoo

McPherson, Mrs. Anna.....Kalamazoo-Physicians-Calling Service, 102 Pratt Bldg., Kalamazoo
Mott, Mrs. Elizabeth.....N. De Witt, M.D.
803 Hanselman Bldg., Kalamazoo
Munger, Carol.....R. N. Kilgore, M.D.
R. E. Boyd, M.D.
302 Bronson Medical Center, Kalamazoo
Niewoonder, Grace.....Kalamazoo State Hospital
C. Schrier, M.D.
C. Holder, M.D.
Oakland Dr., Kalamazoo
Noone, Mrs. Myrtis.....J. D. Pool, M.D.
736 East Cork St., Kalamazoo
Nykamp, Mrs. Dana.....K. Currier, M.D.
D. A. Haddock, M.D.
V. A. Berglund, M.D.
6646 Portage St., Kalamazoo
Oggel, Mrs. Ruby.....D. C. Rockwell, M.D.
1418 Amer. Nat'l Bank, Kalamazoo
Oreskovich, Roberta.....Radiology
458 W. South St., Kalamazoo
Peters, Elizabeth.....R. Armstrong, M.D.
K. Slatmyer, M.D.
William Marshall, M.D.
R. Stewart, M.D.
605 Hanselman Bldg., Kalamazoo
Peters, Francetta.....C. R. Moe, M.D.
1324 S. Park St., Kalamazoo
Philipp, Phyllis.....J. W. Peelen, M.D.
R. T. Mellis, M.D.
516 Whites Rd., Kalamazoo
Puschel, Lenora.....F. Ryan, M.D.
L. R. Banner, M.D.
106 Borgess Medical Center, Kalamazoo
Quinn, Lorraine.....R. M. Nicholson, M.D.
1711 Merrill St., Kalamazoo
Rathbun, Mrs. Ella.....M. MacDonald, M.D.
312 Bronson Medical Center, Kalamazoo
Ring, Mrs. Beverly.....H. S. Heersma, M.D.
R. S. Dew, M.D.
1711 Merrill St., Kalamazoo
Roach, Eileen.....H. A. Machin, M.D.
420 John St., Kalamazoo
Root, Hazel.....M. Peelen, M.D.
K. VanderVelde, M.D.
T. A. McLennan, M.D.
320 Bronson Medical Center, Kalamazoo
Schanz, Mrs. Mary.....E. M. Williamson, M.D.
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M. L. Barry, M.D.
D. W. Everett, M.D.
315 Bronson Medical Center, Kalamazoo
Schmitt, Mrs. Dorothy.....Radiology
458 W. South St., Kalamazoo
Schumann, Helen.....William D. Irwin, M.D.
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723 S. Westnedge Ave., Kalamazoo
Shelley, Mrs. Margaret.....A. E. Pullon, M.D.
1223 S. Park St., Kalamazoo
Slanker, Mrs. Norma.....M. H. Zolen, M.D.
628 S. Park St., Kalamazoo
Smith, Mrs. Pauline.....I. Berry, M.D.
516 Whites Rd., Kalamazoo
Stappenbeck, Mrs. Janet (Kirchner)..R. Armstrong, M.D.
K. Slatmyer, M.D.
William Marshall, M.D.
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Hohisel, Mrs. Elsie.....City Health Department
City Hall, 1315 S. Washington, Saginaw
Holland, Mrs. Delores.....J. W. James, M.D.
1021 W. Genesee Ave., Saginaw
Jackson, Doris.....W. Webb, M.D.
1502 Wadsworth, Saginaw
LaLonde, Mrs. Hilda.....O. Nelson, M.D.
120 N. Michigan Ave., Saginaw
List, Mrs. Harriet.....H. Ballmer, M.D.
2715 Ashman, Midland
Little, Mrs. Joan.....T. E. Bratrud, M.D.
St. Lukes Hospital, 705 Cooper St., Saginaw
Loth, Mrs. Anita.....H. A. Phillips, M.D.
420 First Savings & Loan Bldg., Saginaw
Luplow, Mrs. Lorine.....D. Sargent, M.D.
1703 N. Michigan Ave., Saginaw
Mallak, Mrs. Evelyn.....O. Lohr, M.D.
537 Millard St., Saginaw
Menthen, Mrs. Marion.....R. App, M.D.
520 W. Genesee, Saginaw
Miller, Madeline.....W. G. Underhill, M.D.
H. Mayne, M.D.
120 N. Michigan Ave., Saginaw
Mills, Mildred.....E. Galsterer, M.D.
124 S. Jefferson, Saginaw
Nickle, Mrs. Charlotte.....A. Weiss, M.D.
3521 State St., Saginaw
Nighswander, Margaret.....W. Mason, M.D.
R. Heavenrich, M.D.
R. Jarvi, M.D.
1107 Gratiot St., Saginaw
Parisi, Margaret.....J. W. Manning, M.D.
H. M. Bishop, M.D.
515 S. Jefferson, Saginaw
Plettenberg, Mrs. Mary.....G. Ackermann, M.D.
124 S. Jefferson, Saginaw
Roberts, Mrs. Edna.....M. Sharp, M.D.
1803 N. Michigan Ave., Saginaw
Rummer, Phyllis.....R. Northway, M.D.
505 First Savings & Loan Bldg., Saginaw
Rupprecht, Edna.....F. P. Brender, M.D.
117 Hubinger St., Frankenmuth
Sauve, Mrs. Janet (Savage).....R. Heavenrich, M.D.
W. Mason, M.D.
R. Jarvi, M.D.
1107 Gratiot St., Saginaw

Scheanwald, Marjorie.....D. Sargent, M.D.
1703 N. Michigan Ave., Saginaw
Seabrook, Mrs. Muril.....E. F. Kickham, M.D.
309 S. Jefferson, Saginaw
Smith, Yvonne.....E. G. Hester, M.D.
2031 N. Michigan Ave., Saginaw
Stein, Virginia.....L. Bruggers, M.D.
1703 N. Michigan Ave., Saginaw
Swift, Mrs. Marion.....W. G. Underhill, M.D.
H. Mayne, M.D.
120 N. Michigan Ave., Saginaw
Thompson, Joan.....A. W. Farley, M.D.
1803 N. Michigan Ave., Saginaw
Thompson, Margaret.....S. Yntema, M.D.
331 S. Jefferson Ave., Saginaw
Toth, Dorothy.....C. P. Olson, M.D.
405 First Savings & Loan Bldg., Saginaw
Utermark, Mrs. Lois.....F. P. Brender, M.D.
117 Hubinger, Frankenmuth
Vallier, Mrs. Lena.....W. G. Underhill, M.D.
H. Mayne, M.D.
120 N. Michigan Ave., Saginaw
Wahl, Harriet.....F. Busch, M.D.
1713 N. Michigan Ave., Saginaw
Weir, Mrs. Nona.....E. Galsterer, M.D.
124 S. Jefferson, Saginaw
Wettlin, Mrs. Evelyn.....W. Webb, M.D.
1502 Wadsworth, Saginaw
Willert, Mrs. Dorothy.....M. J. Murray, M.D.
603 S. Jefferson, Saginaw
Witherspoon, Jean.....A. Weiss, M.D.
3521 State St., Saginaw

Associate Members

Bindon, Mrs. Ruth.....1825 Amherst St., Saginaw
Mutscheller, Meta.....1338 Mott St., Saginaw

ST. CLAIR COUNTY
Number of Members, 19

Bower, Mrs. Mary.....E. E. Ludwig, M.D.
916 Seventh St., Port Huron
Chartrand, Mrs. Olga (Revenko)....J. R. Gilmore, M.D.
817 Mich. Nat'l Bank Bldg., Port Huron
Draper, Mrs. Shirley.....R. S. Bailey, M.D.
400 Mich. Nat'l Bank Bldg., Port Huron
Eagen, Mrs. Florence.....R. M. Lugg, M.D.
619 River St., Port Huron
Fogal, Mrs. Donna.....W. T. Davison, M.D.
1108 Military St., Port Huron
Force, Eva Dawn.....E. C. Sites, M.D.
1209 Tenth St., Port Huron
Gillow, Mrs. Gretta.....R. S. Bailey, M.D.
400 Seventh St., Port Huron
Hall, Mrs. Julia.....C. A. Ludwig, M.D.
916 Seventh St., Port Huron
Harris, Mrs. Rosemary.....Port Huron Hospital
1209 Willow St., Port Huron
Lavere, Mrs. Rowena.....J. F. Beer, M.D.
104 N. Riverside, St. Clair
Moses, Mrs. Patsy Lou.....F. E. Ludig, M.D.
916 Seventh St., Port Huron
Patterson, Mrs. Una.....D. W. Patterson, M.D.
622 Huron Ave., Port Huron
Potter, Janice.....J. A. Engels, M.D.
69311 Main St., Richmond
Roth (Dickie), Mrs. Kathryn.....J. C. S. Battley, M.D.
1216 Sixth St., Port Huron
Stilwell, Mrs. Shirley.....J. A. Engels, M.D.
69311 Main St., Port Huron
Suerwier, Donna.....J. D. Cantwell, M.D.
M. Chafty, M.D.
619 River St., Port Huron
Tepper, Mrs. Ina.....J. L. Sanderson, M.D.
515 Pine St., Port Huron
Vincent, Mrs. Beverly.....N. G. Douvas, M.D.
311 Pine St., Port Huron
Willey, Mrs. Betty Lou.....W. T. Davison, M.D.
1108 Military St., Port Huron

SHIAWASSEE COUNTY
Number of Members, 20

Belsito, Mrs. Esther.....E. M. Chipman, M.D.
502 W. Williams, Owosso
Capitan, Mrs. Doris.....J. H. Graves, M.D.
511 W. Main St., Owosso
Caruso, Isabella.....R. C. Pochert, M.D.
Matthews Bldg., Owosso
Cooper, Mrs. Elna.....P. Sauer, M.D.
Medical Group, Owosso
Gallop, Mrs. Viola.....J. H. Graves, M.D.
511 W. Main, Owosso
Harkins, Mrs. Betty.....Owosso Medical Group
113 E. Williams, Owosso
Iverson, Mrs. Mary Ann.....R. L. Phillips, M.D.
Matthews Bldg., Owosso
Jenks, Eleanor.....R. C. Brown, M.D.
113 E. Williams, Owosso
Kanouse, Mrs. Barbara.....R. V. Harroun, M.D.
Mathews Bldg., Owosso
Lahmann, Mrs. Maxine.....Owosso Medical Group
113 E. Williams, Owosso
Mollema, Mrs. Bernice.....Owosso Medical Group
113 E. Williams, Owosso
Monroe, Mrs. Dorothy.....J. S. McGeehan, M.D.
Matthews Bldg., Owosso
Neff, Mrs. June.....Owosso Medical Group
113 E. Williams, Owosso
Nelson, Mrs. Clarice.....Owosso Medical Group
113 E. Williams, Owosso
Skinner, Mrs. Mildred.....J. E. Harroun, M.D.
Matthews Bldg., Owosso
Scriven, Mrs. Ada.....E. S. Austin, M.D.
319 E. Exchange, Owosso
Tichner, Mrs. Alaine.....Owosso Medical Group
113 E. Williams, Owosso
Van Dexarr, Mrs. Mina.....E. S. Austin, M.D.
319 E. Exchange, Owosso
Walter, Mrs. Faye.....Owosso Medical Group
113 E. Williams, Owosso
Wood, Mrs. Elizabeth.....Owosso Medical Group
113 E. Williams, Owosso

TRI-COUNTY (GRAND TRAVERSE-LEELANAW-BENEZIE COUNTIES)

Number of Members, 6

Cole, Mrs. Sonja.....W. W. Cline, M.D.
436 W. Front St., Traverse City
McDonald, Mrs. Georgetta S.....G. E. Stokes, M.D.
1100 Sixth St., Traverse City
Nash, Mrs. Virginia.....A. C. McClay, M.D.
215 S. Madison, Traverse City
Stanek, Florence.....J. W. Hall, M.D.
1100 Sixth St., Traverse City
Turkelson, Mrs. Loretta.....S. L. Michael, M.D.
604 Ottawa St., Elk Rapids
Ward, Mrs. Loretta A.....I. H. Zielke, M.D.
212 E. Front St., Traverse City

VAN BUREN COUNTY

Number of Members, 22

Brown, Mrs. Kathryn.....Paw Paw Medical Group
305 Oak St., Paw Paw
Bleau, Mrs. Camilla.....A. H. Steele, M.D.
221 Oak St., Paw Paw
Brucks, Mrs. Neva E.....P. W. Sundin, M.D.
119 Pine St., Decatur
Canham, Mrs. Jessie.....A. E. Parks, M.D.
148 N. Main St., Lawson
Cornish, Mrs. Lucille.....Wm. R. Young, M.D.
109 Union St., Lawton
Cortright, Sally.....M. J. Urist, M.D.
432 Phoenix St., South Haven
Dannison, Mrs. Cecile.....B. Diephus, M.D.
511 Huron St., South Haven
Goodell, Mrs. Louise M.....P. W. Sundin, M.D.
119 Pine St., Decatur
Hinz, Mrs. Martha.....M. W. Buckborough, M.D.
B. Diephus, M.D.
511 Huron St., South Haven
Huey, Mrs. Grace.....C. TenHouten, M.D.
215 N. Kalamazoo St., Paw Paw
Jewett, Mrs. Maxine.....Paw Paw Medical Group
305 Oak St., Paw Paw
Keeney, Mrs. Ruth.....E. Terwilliger, M.D.
326 Michigan Ave., South Haven
Leonard, Mrs. Stephanie.....Paw Paw Medical Group
305 Oak St., Paw Paw
Lennig, Mrs. Frieda.....J. Itzen, M.D.
J. Kleber, M.D.
311 Center St., South Haven
Magyer, Mrs. Betty.....A. H. Steele, M.D.
221 Oak St., Paw Paw
Novy, Mrs. Ethel.....J. Itzen, M.D.
J. Kleber, M.D.
311 Center St., South Haven
Peak, Mrs. Vera.....J. Cooper, M.D.
314 Division St., Bangor
Schroyer, Lois.....J. Cooper, M.D.
314 Division St., Bangor
Slee, Mrs. Grace.....M. W. Buckborough, M.D.
B. Diephus, M.D.
511 Huron St., South Haven
TenHouten, Mrs. Catherine.....C. TenHouten, M.D.
215 N. Kalamazoo St., Paw Paw
Walker, Mrs. Bess.....A. E. Parks, M.D.
148 N. Main St., Lawton
Warmbold, Mrs. Alberta.....C. TenHouten, M.D.
215 N. Kalamazoo St., Paw Paw

WASHTENAW COUNTY

Number of Members, 45

Affleck, May.....C. G. Child, III, M.D.
University Hospital, Ann Arbor
Arrick, Mrs. Marie.....B. C. Payne, M.D.
202 Mich. Theatre Bldg., Ann Arbor
Austin, Mrs. Patricia (Palmer)....R. I. Goldsmith, M.D.
216 Mich. Theatre Bldg., Ann Arbor
Behnke, Mrs. Jean.....W. O. Umiker, M.D.
V. A. Hospital, Ann Arbor
Benz, Mrs. Elma.....J. Sheldon, M.D.
J. McLean, M.D.
U. of M. Medical Center, Ann Arbor
Chantelois, Shirley.....R. T. Douthat, M.D.
205 S. Davenport, Saline
Clark, Mrs. Jessie.....F. B. Williamson, M.D.
319 W. Michigan, Ypsilanti
Cocco, Melia.....G. S. Sayre, M.D.
523 W. Cross, Ypsilanti
Cross, Mrs. Annie.....D. W. Martin, M.D.
207 Savings Bank Bldg., Ypsilanti
Densmore, Mrs. Winifred.....J. Sheldon, M.D.
J. McLean, M.D.
U. of M. Medical Center, Ann Arbor
Ehman, Mavis.....E. R. Harrell, M.D.
U. of M. Medical Center, Ann Arbor
Elliott, Mrs. Lillian.....F. B. Fralick, M.D.
U. of M. Medical Center, Ann Arbor
Fisher, Doris.....C. J. Westover, M.D.
922 W. A. A. Trail, Plymouth
Goldsmith, Hazeldene.....H. H. Cummings, M.D.
326 N. Ingalls St., Ann Arbor
Gubachy, Mrs. Shirley.....L. E. Himler, M.D.
U. of M. Medical Center, Ann Arbor
4438 Jackson Rd., Box 65, Ann Arbor
Hagerman, Mrs. Edythe.....G. W. Hagerman, M.D.
321 N. Ingalls, Ann Arbor
Henderson, Mrs. Lucille.....P. F. Gerigh, M.D.
Saline
Hildinger, Mrs. Elinor.....H. R. Williams, M.D.
N. L. Banghart, M.D.
1950 Manchester Rd., Ann Arbor
Hughes, Helen.....Wm. A. Barss, M.D.
525 W. Cross, Ypsilanti
Johnson, Mrs. Lucille.....H. K. Ransom, M.D.
U. of M. Medical Center, Ann Arbor
Keller, Hazel.....H. Shoecraft, M.D.
326 E. Libert St., Ann Arbor
Larmee, Suzanne.....J. R. McWilliams, M.D.
408 First Nat'l. Bank Bldg., Ann Arbor
Malloy, Mrs. Mildred.....N. F. Miller, M.D.
Women's Hospital, Ann Arbor
Mayer, Mrs. Flora.....L. D. Henry, M.D.
706 W. Huron St., Ann Arbor

McCarn, Nellie.....H. K. Schock, M.D.
V. A. Hospital, Ann Arbor
Mickelson, Mrs. Helen.....R. M. DeJong, M.D.
U. of M. Medical Center, Ann Arbor
Moore, Mrs. Margaret.....Wm. R. Rekshan, M.D.
2015 Manchester Rd., Ann Arbor
Mullaly, Mrs. Jane.....C. J. Tupper, M.D.
U. of M. Health Service, Ann Arbor
Naylor, Mrs. Marion.....R. M. Nesbit, M.D.
U. of M. Medical Center, Ann Arbor
Phinney, Dorothy.....R. K. Ratliff, M.D.
326 N. Ingalls, Ann Arbor
Peck, Betty Ann.....C. Carroll, M.D.
T. McEachern, M.D.
1130 Hill, Ann Arbor
Polsdorfer, Mrs. Marcia.....R. Craig Barlow, M.D.
St. Joseph Hospital, Ann Arbor
Ritchie, Dorothy.....C. J. Westover, M.D.
982 W. A. A. Trail, Ann Arbor
Scott, Mrs. Dorothy.....Miller, M.D.
T. Evens, M.D.
G. Morley, M.D.
Women's Hospital, Ann Arbor
Schilling, Mrs. Doris.....R. O. Dingman, M.D.
221 N. Ingalls, Ann Arbor
Schrader, Mrs. Judy.....Wm. R. Rekshan, M.D.
2015 Manchester Rd., Ann Arbor
Shoenfield, Mrs. Kate .....F. A. Coller, M.D.
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Storti, Patricia.....A. C. Curtis, M.D.
2181 O P D, U. of M. Medical Center, Ann Arbor
Trimm, Mrs. Ruth.....R. C. Schneider, M.D.
Rm. C 5135 U. of M. Medical Center, Ann Arbor
Van Assche, Margaret.....J. J. Woods, M.D.
19 N. Washington, Ypsilanti
Wallace, Mrs. Fae.....J. J. Woods, M.D.
19 N. Washington, Ypsilanti
Weatherwaz, Marie.....F. B. Fralick, M.D.
U. of M. Medical Center, Ann Arbor
Weller, Mrs. Iris.....O. Sirola, M.D.
E. M. U. Health, Center, Ypsilanti
Wiltse, Betty Jane.....S. T. Harris, M.D.
27 S. Prospect, Ypsilanti
Wolfe, Mrs. Irma.....R. M. Nesbit, M.D.
U. of M. Medical Center, Ann Arbor

Michigan State Medical Society

Constitution

ARTICLE I—NAME

Section 1. The name of this organization shall be The Michigan State Medical Society.

ARTICLE II—COMPONENT COUNTY SOCIETIES

Section 1. Component County Societies.

Component County Societies shall consist of those County Medical Societies which hold charters from this State Medical Society.

Sec. 2. Geographical Scope.

Only one component County Society shall be chartered in any one county of the State; provided, however, when in the judgment of the House of Delegates it is deemed to be to the best interests of this Society, a charter may be granted to a component County Society comprising two or more counties.

ARTICLE III—PURPOSES

Section 1. To bring into one organization the Doctors of Medicine of this State of Michigan, and through it and other similar societies of other states to form and maintain the American Medical Association.

Sec. 2. To maintain a program of educational service to the public on matters of health and hygiene.

Sec. 3. To encourage among members of the medical profession the interchange of views on all phases of professional advancement and thus better to equip each member of the profession to serve society and promote the public health.

Sec. 4. To maintain a program of scientific education for the members of The Society keyed to the constantly developing discoveries in the field of medicine; and to foster, encourage and co-ordinate postgraduate facilities for the medical profession as a whole.

Sec. 5. To disseminate advances in medical research among the profession generally, by the issuance of scientific publications.

Sec. 6. To maintain and to advance the standards of medical practice in this State with respect to the highest concepts of ethics.

Sec. 7. To acquire and hold such real and personal property as may be necessary for the full and proper execution of the corporate purposes as detailed herein.

Sec. 8. To carry on such organization, functions and activities as are deemed necessary to accomplish effectively the above purposes; provided, however, that the Society shall engage in no activities that cannot be construed as relevant, incidental or necessary to its charitable, educational and scientific purposes.

ARTICLE IV—DIVISIONS

Section 1. This Society as a State unit of the American Medical Association, and as the State expression of the County Societies of Michigan, shall have three major divisions.

1. The Society as a whole, as when it meets in Annual Session.
2. The Scientific Assembly with its subordinate or related bodies.
3. The House of Delegates with its subordinate or related bodies.

ARTICLE V—THE SOCIETY AS A WHOLE

Section 1. The Society as a whole shall hold an Annual Session at such time and place and of such duration as the House of Delegates may determine. This power may be delegated to The Council or to the Executive Committee of The Council by the House of Delegates.

ARTICLE VI—SCIENTIFIC ASSEMBLY

Section 1. The Scientific Assembly of this Society is the convocation of its members for the presentation and discussion of subjects pertaining to the science and art of medicine, its allied specialties and the problems of public health conservation.

ARTICLE VII—HOUSE OF DELEGATES

Section 1. The House of Delegates shall be the legislative body of the Michigan State Medical Society and shall consist of Delegates elected by component County Societies and Delegates-at-Large, as prescribed by the Bylaws.

ARTICLE VIII—MEMBERS

Section 1. This Society shall consist of active members, honorary members, associate members, retired members, life members and military members, elected in accordance with the Bylaws.

ARTICLE IX—OFFICERS AND ELECTED REPRESENTATIVES

Section 1. The officers of this Society shall be a President; a President-Elect; a Treasurer; a Secretary; a Speaker and a Vice Speaker of The House of Delegates; and Councilors.

Sec. 2. The elected representatives of this Society shall be the Delegates and the Alternate Delegates to the House of Delegates of the American Medical Association.

ARTICLE X—THE COUNCIL

Section 1. The Council shall be the Executive Body of the Society. It shall consist of one Councilor from each Councilor District, the President, President-Elect, immediate Past President, Speaker and Vice Speaker of the House of Delegates with the Secretary and the Treasurer, the last two being elected by the foregoing. It shall have the custody and entire control of all funds and property of the Society and shall act for the Society as a whole and for The House of Delegates between sessions.

Sec. 2. The Executive Committee of The Council shall consist of its Chairman, Vice Chairman, Chairman of the Finance Committee, Chairman of the County Societies Committee, Chairman of the Publication Committee, President, President-Elect, Secretary, Treasurer, Speaker and Vice Speaker of the House of Delegates. It shall act for the Society as a whole and for the House of Delegates between sessions of The Council, except that a policy established by the House of Delegates or by The Council shall not be changed.

ARTICLE XI—FUNDS AND EXPENSES

Section 1. Funds for meeting the expenses of the Society shall be raised by annual dues, special assessments and voluntary contributions.

Sec. 2. Annual membership dues and assessments shall be fixed by the House of Delegates.

ARTICLE XII—AMENDMENTS

Section 1. The House of Delegates may amend any article of this Constitution by a two-thirds vote of the Delegates seated at any Annual Session, provided that such amendment shall have been presented in open meeting at the previous Annual Session, and that it shall have been published at least once during the year in THE JOURNAL of the Society, or sent officially to each component County Society at least two months before the meeting at which final action is to be taken.

Sec. 2. This Constitution or any amendment thereto shall become effective immediately upon its adoption.

Bylaws

CHAPTER 1—COMPONENT COUNTY SOCIETIES

Section 1. The charter of each component County Society shall require that each of the provisions of the Constitution and Bylaws of the Michigan State Medical Society, together with each amendment to either thereof, hereafter adopted, in so far as the same is applicable, shall be an integral part of the Constitution and Bylaws of the component County Society to which a charter is issued and shall in no way be inconsistent with the Constitution and Bylaws of the Michigan State Medical Society. Each charter shall be authorized by the House of Delegates and signed by the President and the Secretary of this Michigan State Medical Society.

Sec. 2. The House of Delegates is empowered to revoke the charter of any component County Society whenever it finds that such Society has materially breached any of the provisions of the Constitution or Bylaws of this State Society or has failed to function within the expressed spirit and purpose of this State Society to such an extent that revocation of charter is compatible with the best interests of this State Society. Petition for the revocation of charter of any component County Society may be filed with The Council by a Councilor of the district within which each Society is located, or by any three members of The Council of this State Society or by the President of this State Society. Such petition shall be in writing and set forth with reasonable particularity the matters complained of and upon which the petition is founded. A copy of such petition together with written notice of the time and place of hearing on the petition shall be served on the affected component County Society by registered mail, return receipt requested, not less than 60 days before the date of such hearing. The affected component County Society may, within 30 days after service upon it of copy of the petition, file with The Council by registered mail, return receipt requested, a written answer thereto. The Council shall afford the affected component County Society a fair hearing of the matters complained of and a suitable opportunity to present its defense. The component County Society may be represented by legal counsel. Written arguments may be filed on behalf of the affected component County Society and by the petitioner. Stenographic notes shall be made of the entire proceedings on such hearing and a complete record shall be prepared, which record shall consist of the petition, answer, testimony, exhibits, written arguments and other pertinent matter. The Council shall make its decision based on the records, setting forth in writing its finding of facts, conclusions and reasons therefor. If two-thirds of the members of The Council do not concur in the conclusion that the charter of the affected component County Society should be revoked, the petition shall be deemed dismissed and the proceedings ended. If two-thirds of the members of The Council concur in the conclusion that the charter of the affected component County Society should be revoked, the Chairman of The Council shall transmit to the House of Delegates a report, consisting of the decision of The Council with all records annexed, and shall serve a copy thereof on the affected component County Society. The House of Delegates shall at the next regular or special session thereof following the transmittal of such report, consider and take such action on the report as it may deem proper. In case the House of Delegates desires further proofs in relation to the issues involved, it may remand the matter to The Council for further hearing and report. The action of the House of Delegates on the report of The Council shall be the final decision with reference to the revocation of the charter of a component County Society. Provided, that the component County Society, if it feels aggrieved by the decision of the House of Delegates, may, within six months, appeal to the Judicial Council of the American Medical Association, whose opinion shall be final.

CHAPTER 2—REGULATION OF MEMBERSHIP

Section 1. Admission to membership of any component county society is not a matter of right, but one of privilege, to be accorded or withheld in the sole discretion of such society. Every component county society may determine the manner of electing its members and shall be the sole judge of the qualifications of applicants for membership thereof.

Sec. 2. A Doctor of Medicine whose principal location of practice is near a county line may hold his membership in that component County Society most convenient for him to attend, on permission of The Council of the Michigan State Medical Society.

Sec. 3. Each component County Society shall have general direction of the affairs of the profession in the county, and its influence shall be exerted constantly for bettering the scientific, the moral and material conditions of every Doctor of Medicine in the county; systematic effort shall be made by each member and by the component County Society as a whole to increase the membership until it embraces every eligible Doctor of Medicine in the county.

Sec. 4. The Secretary of each component County Society shall keep a roster of its members and if practicable a list of non-affiliated Doctors of Medicine in the county, and other Doctors of Medicine, such as commissioned officers of the Navy, Army, and Public Health Service, in which shall be shown the full name, the address, the college and date of graduation, the date of license to practice in this State, and such other information as may be deemed necessary.

Sec. 5. Each member of a component County Society, who is in good standing, shall be privileged to attend each meeting and take part in all the proceedings and shall be eligible to any office within the gift of the Society except as otherwise provided.

CHAPTER 3—ARREARS IN DUES

Section 1. Any member in arrears for dues in the amount for one year may regain membership by paying up all back dues. Any member in arrears for more than one year may regain membership by paying all back dues or by being elected again to membership, at the option of the Component County Society.

Sec. 2. For the purpose of determining the dues for new members only, the fiscal year of the Michigan State Medical Society shall be divided into four three-month periods. New members shall pay adjusted annual dues and assessments for the unexpired quarterly periods of that year. Such new members shall not be entitled to membership benefits until their election to membership has been duly reported to the Secretary of the State Society and such benefits shall not cover any period prior to their becoming members in good standing.

CHAPTER 4—TRANSFER OF MEMBERSHIP

Section 1. Transfer of membership from one component County Society to another, occasioned by a change in location, shall be effectuated in the following manner: The member who wishes such transfer shall make application to the County Society which he wishes to join, and tendering payment of dues for the remainder of the current year, calculated to the nearest quarter.

Sec. 2. The Secretary of the component County Society to which application is made shall request certification of standing from the component County Society in which membership is held. Upon receiving such request, The Secretary of the latter society shall supply certification of good standing, provided the following requirements have been met:

(a) All component County Society dues and assessments shall have been paid for the calendar year previous to the year in which application for transfer is made.

(b) Full State Society dues and assessments shall have been paid for the year in which application for transfer is made.

(c) Component County Society dues and assessments shall have been paid to cover that portion of the year in which application for transfer is made, the time being calculated to the nearest quarter.

(d) The member shall not be under suspension or facing charges of unethical conduct.

Sec. 3. (a) In case the component County Society dues have been paid in full for the year, and certification of good standing is being issued, the Secretary of that component County Society shall refund component County Society dues represented by the unexpired portion of the year, calculated to the nearest quarter.

(b) Upon receipt of certification of good standing, and favorable action by the component County Society to which application has been made, the transfer of membership shall be in effect.

Sec. 4. Resignation for transfer of membership to another State Society shall be effectuated in the following manner:

Any member in good standing, not facing charges of unethical conduct, whose State and component County Society dues and assessments are not in arrears, and who has moved his principal location to another State, may tender his resignation, which shall be effective at the beginning of the next quarter. Such resignation shall be transmitted to the Secretary of the Michigan State Medical Society, who shall give the departing member certification of good standing.

Provided the portion of the calendar year following such resignation or death is not less than one-quarter, the Secretaries of the State and component County Societies shall refund any dues and assessments already paid for the remainder of the year, calculated to the nearest quarter.

CHAPTER 5—MEMBERSHIP AND CLASSIFICATION OF MEMBERSHIP

Section 1. Active Member—Active Members shall comprise all the active members of component County Societies. To be eligible for active membership in any component County Society, a Doctor of Medicine must hold an unrevoked license to practice medicine, surgery and midwifery by authority of the Michigan State Board of Registration in Medicine, and comply with all other provisions of this Constitution and Bylaws.

Sec. 2. Honorary Member—Component County Societies may elect as an Honorary Member any person distinguished for his services or attainments in medicine or the allied sciences, or who has rendered other services of unusual value to organized medicine or the medical profession. Upon recommendation of a component County Society, the House of Delegates may elect such a person as Honorary Member of the State Society. An Honorary Member shall pay no dues to the State Society and shall be without right to vote or hold office in either component County or State Society.

Sec. 3. Associate Member—Component County Societies may elect as an Associate Member:

(a) Any person not a member of the profession but engaged in scientific or professional pursuits whose principles and ethics are consonant with those of this State Society.

(b) An intern serving the first year in any approved hospital, an intern of longer standing, a resident physician in training, and a teaching fellow not engaged in private practice, but not after six years from the receipt of first medical degree (M.D. or M.B.); provided his training has not been interrupted by exigencies of War Service or by totally incapacitating illness. Such intern, resident or teaching fellow may become an Associate Member of the Michigan State Medical Society without action of the House of Delegates provided he has been certified to the Michigan State Medical Society through formal application to the Michigan State Medical Society Secretary by his component County Medical Society.

(c) A Doctor of Medicine, resident of the State of Michigan, for the period of time he is in active Military Service of the United States previous to his engaging in active practice.

(d) A Doctor of Medicine not engaging in any phase of medical practice.

(e) A commissioned medical officer of the United States Army, Navy, Public Health Service or physician employed by the Veterans Administration on duty in this State, who is not engaged in private practice of medicine, not to exceed two years.

(f) An Active Member, by transfer, for the period of time he is temporarily out of active practice on account of protracted illness, provided his dues are paid for the year previous to the onset of illness.

(g) An Active Member, by transfer, for the period of one year while he is temporarily out of practice on account of postgraduate medical studies, provided his membership dues are paid to the end of the preceding calendar year. This may be renewed upon petition to The Council at its discretion.

Upon recommendation of a component County Society, the House of Delegates may elect such a person as an Associate Member of this State Society. An As-

sociate Member shall not pay dues to this State Society and shall not have the right to vote, nor hold office in either component County or State Society. Component County Societies may require any Associate Member to pay certain local dues, out of which THE JOURNAL of the Michigan State Medical Society subscription is to be paid to the State Society for which each such Associate Member shall receive THE JOURNAL of the Michigan State Medical Society.

Sec. 4. Retired Member—A member who has maintained membership in a component County Society of this State Society for a period of ten or more years, and having retired from practice, may be transferred to the retired member's roster, provided his membership dues are paid to the end of the preceding calendar year. He shall be entitled to receive THE JOURNAL of the Michigan State Medical Society at such rates as The Council may determine. He shall have the right to vote and hold office.

Sec. 5. Non-Resident Member—Component County Societies may elect as a Non-Resident Member any Doctor of Medicine residing and practicing outside of The County who is a member in good standing of his own component County Society. A Non-Resident Member shall not have the right to vote or hold office.

Sec. 6. Life Member—A Doctor of Medicine who has been a member of the Michigan State Medical Society for a minimum of five years and who has attained the age of seventy years or has been in practice fifty years and has maintained an active membership in good standing for twenty-five years in any constituent state society of the American Medical Association, with dues paid for the previous calendar year, may, upon his application and recommendation of his component county society, be transferred to the Life Members' Roster. He shall have the right to vote and hold office but shall pay no dues to the State Society. Requests for such transfer shall be accompanied by certification of the Secretary of the State Society as to years of membership in good standing. He shall be entitled to receive THE JOURNAL of the Michigan State Medical Society at such rates as The Council may determine.

Sec. 7 Military Members. Any active member in good standing who serves on active duty in the military forces of the United States during a war or similar national emergency may be transferred to the Military Membership roster for the period of time he is in Service. A Military Member shall not be required to pay state dues and assessments during the period of his Service and for the balance of the year in which he is separated from Military Service provided that this remission of post-service dues and assessments shall not be less than six months, or during the years he may be totally disabled immediately following such duty.

Sec. 8. For Retired, or Life Membership, the Component County Society of such members shall make request for certification, in writing, to the Secretary of the State Society thirty days in advance of an Annual Session of The House of Delegates. Requests for transfer shall be accompanied by certification of the Secretary of the State Society, as to years of practice and years of membership in good standing. Transfers shall be by election in the House of Delegates.

Sec. 9. Any change in membership status shall be effected by resolution presented in triplicate before the annual session of the House of Delegates after previous certification by the secretaries of the county and state societies.

CHAPTER 6—CONDUCT AND DISCIPLINE OF MEMBERS

Sec. 1. *Standards of Conduct.* It is the duty of every member of this society and each of its component county societies to conduct himself both professionally and personally in conformity with the high standards imposed on doctors of medicine as a condition of continued membership therein. Such standards include, but are not limited to, the Principles of Medical Ethics which have been and may be from time to time hereafter adopted by the American Medical Association and as interpreted by the Judicial Council thereof.

Sec. 2. *Ground for Discipline.* The conduct of a member of this or any of its component county societies which is contrary to the standards prescribed in this chapter shall be ground for discipline, whether or not the act or omission occurred in the course of a physician-patient relationship. Without limitation of the foregoing, any of the following shall also be ground for discipline:

(a) Unprofessional and dishonest conduct as defined by Act 237 of Michigan Public Acts of 1899, as amended.

(b) Conviction of a felony under the laws of any state or of the United States of America.

(c) Revocation or suspension of license to practice medicine.

(d) Violation or disregard of the constitution, by-laws, principles, rules, regulations or orders of this society, or of the member's component county society, or of the American Medical Association.

(e) Defaming or otherwise unjustly reflecting on the integrity, character or professional performance of a fellow member.

(f) Any conduct which is prejudicial to or tends to expose the medical profession or this society or a component county society to contempt or reproach, or which is in anywise contrary to ethics, honesty or good morals.

Sec. 3. *Discipline-Definitions and Purpose.* Discipline as used in this chapter shall include reprimand, suspension and expulsion. Any such discipline is not punishment for wrongdoing but is intended solely as a measure necessary to maintain the dignity, integrity, purposes and high principles of this society and of its component county societies.

Sec. 4. *Authority to Discipline.* A component county society may discipline any of its members on any of the grounds and in the manner set forth in this chapter; provided, that every member of this society and of any component county society against whom disciplinary action is proposed or taken shall be accorded the benefit of the procedures in this chapter prescribed, any provisions of the constitution or by-laws of any component county society to the contrary notwithstanding. The expulsion or suspension of any member from a component county society shall be subject, however, to the right of appeal to and review by The Council of the Michigan State Medical Society and the Judicial Council of the American Medical Association as hereinafter provided. Any component county society which has more than one hundred fifty active members may by appropriate provisions contained in its constitution or by-laws delegate its authority and power to discipline any of its members to the governing board of such society, in which event, all of the functions, duties and powers of a component county society as set forth in this chapter shall be exercised and carried out by such governing boards in like manner and on the same conditions as prescribed for a component county society. Unless otherwise specifically provided by the constitution or bylaws of such component society, any order of expulsion or suspension made by such governing board shall be subject to the approval of the component society in the same manner as may be provided for the approval of any other report of such governing board.

Sec. 5. *Ethics Committee.* Every component county society shall have a standing committee designated the

Ethics Committee, charged with duties and powers concerning the maintenance of standards of conduct and discipline of members, including the duties and powers specifically set forth in this chapter. Whenever any matter of alleged misconduct is referred to an ethics committee, such committee shall have the right to conduct investigations and hearings thereon, both informal and formal, and to make findings of fact and recommendations for discipline.

Sec. 6. *Request for Investigations.* Investigative procedures shall be initiated by a request of an active member or committee of the society for the investigation of misconduct alleged to have been committed by a member of any component county society. All such requests shall be in writing, signed by one or more active members of the same component county society, filed in duplicate with the component county society, and as soon as may be shall be referred to the ethics commitee of such society. Each request shall contain a brief statement of the details of each act of alleged misconduct and the approximate time and place thereof. Before any such request and statement shall be considered by any such ethics committee, a copy thereof shall be mailed to the respondent at his last known address by registered or certified mail. It shall be the duty of the respondent, within fifteen days after the receipt of such copy, to make a full and fair disclosure in writing of all material facts and circumstances pertaining to his conduct in relation to the matters set forth in such statement. Such written disclosure shall be mailed to the secretary of the component county society by registered or certified mail. The deliberate failure to make such disclosure or any knowing misrepresentation or concealment of any such facts or circumstances by the respondent shall be ground for discipline.

Sec. 7. *Investigations-Reprimand-Dismissal.* The ethics committee shall make an informal investigation of the matters set forth in any such request and statement. On the conclusion of such investigation, the results thereof shall be informally considered by the committee at a meeting thereof. It shall be the duty of the respondent to attend such meeting on request, and to answer fully and fairly all questions pertaining to his conduct that may be put to him by any member of the committee. If the ethics committee decides that there is no ground for discipline, the committee may authorize the dismissal of the matter. If, in the judgment of the committee, the material facts disclosed by the investigation are true and are sufficient to warrant only a reprimand, the ethics committee may forthwith administer such reprimand without a formal complaint, unless a formal hearing is demanded by the respondent. It shall be the duty of the ethics committee to report such dismissal or reprimand in writing to the component county society, together with the reasons thereof.

Sec. 8. *Formal Complaint and Notice of Hearing.* If the ethics committee finds there is reasonable cause to believe that the respondent is guilty of misconduct warranting suspension or expulsion from membership, or if the respondent demands a formal hearing, a formal complaint setting forth the facts of the alleged misconduct shall be prepared by the ethics committee and subscribed by the chairman or vice-chairman thereof. A copy of such complaint shall be filed with the component county society. Thereupon, it shall be the duty of the ethics committee or its chairman to fix the time and place for a formal hearing thereon. A written notice of such hearing, together with a copy of the formal complaint, shall be served on the respondent by registered or certified mail not less than thirty days before the date of such hearing. The notice of hearing may be signed on behalf of the committee by its chairman or any member thereof. The giving of such notice shall be conclusive evidence of the finding of reasonable cause to believe that the respondent is guilty of the alleged misconduct.

Sec. 9. *Answer and Formal Hearing.* It shall be the duty of the respondent to file an answer to the formal complaint. Such answer shall be in writing, signed by the respondent, and filed with the ethics committee within fifteen days after service of the copy of formal complaint. The answer shall admit or deny each material allegation contained in the complaint, and shall set forth any special defenses which the respondent claims to have. If the answer is not filed within the time hereby limited, the complaint may be taken as confessed. It shall be the duty of the respondent to appear before the ethics committee in person at the time and place specified in such notice. At such formal hearing, it shall be the duty of the respondent to answer fully and fairly all questions pertaining to his conduct which may be put to him by any member of the committee of the component county society. Formal hearings shall be conducted fairly, but not necessarily in accordance with all rules governing court trials. A stenographic record shall be made of the proceedings at such hearing.

Sec. 10. *Findings and Report.* If upon formal hearing the ethics committee finds that the charges of misconduct are not established by a preponderance of the evidence, the committee shall dismiss the complaint and shall so report to the component county society. If the committee finds that the charges of misconduct or any of them are established by a preponderance of evidence and are such as to warrant discipline by way of a reprimand, the committee shall administer such reprimand, and shall make a written report thereof, together with its findings of fact, to the component county society. If the committee finds that the charges of misconduct or any of them are established by a preponderance of evidence and are such as to warrant suspension or expulsion from membership by action of the component county society, the committee shall make a written report of the proceedings had before the committee, and shall include in such report a certified transcript of the evidence, including copies of all documents taken in proof, a summary statement of all previous misconducts for which the respondent has been disciplined, and the committee's findings of fact and recommendations for discipline. Every such report shall be signed by not fewer than a majority of the members of the ethics committee, and shall be filed with the component county society.

Sec. 11. *Action on Report—Additional Testimony.* Whenever an ethics committee files a report with its component county society recommending suspension or expulsion as herein provided, the respondent shall be served with a copy of the committee's findings of fact and recommendations so filed, not less than twenty days before the meeting of the component county society at which such recommendations are to be considered and acted on, together with a notice of the time and place of such meeting. The respondent may thereupon file with the society not less than ten days before such meeting reasons in writing why the recommendations of the ethics committee should not be adopted. The respondent may also at such meeting appear in person and offer any further reasons why he should not be suspended or expelled from membership; provided, however, that at such meeting no testimony as to any matter of misconduct shall be taken. If it is decided at such meeting that the interests of justice require additional testimony to be taken, the matter shall be rereferred to the ethics committee for such purpose. In such event the ethics committee shall cause such additional testimony to be taken promptly, and shall make a supplemental report thereon, including findings of fact and recommendations based thereon, and shall file the same, together with a certified transcript of such additional testimony with the component county society. A copy of the findings of fact and recommendations contained in the supplemental report shall be served on the respondent as required in the case of an original report, and thereafter the same procedures shall be

followed as in this section provided in relation to an original report.

Sec. 12. *Action by Society.* Following the filing of any such report of an ethics committee recommending suspension or expulsion, the component county society shall, at a regular meeting thereof, or at a special meeting called for such purpose, consider and act upon the report and recommendation of the ethics committee. Suspension or expulsion from membership shall require the affirmative vote of not less than two-thirds of members present at any such meeting and entitled to vote thereat, but not including the respondent, who shall have no right to vote on the question. If any measure for discipline is adopted by a component county society, an appropriate order in accordance therewith shall be signed by the president and secretary of such society and a copy thereof served on the respondent and on the Michigan State Medical Society.

Sec. 13. *Finality and Effectiveness of Order.* No order of suspension or expulsion from membership shall be final or effective until the respondent shall have been given the opportunity to exhaust his remedy of appeal and review in accordance with the provisions of this chapter.

Sec. 14. *Appeal Procedure.* Any member deeming himself aggrieved by an order of suspension or expulsion may appeal to The Council of the Michigan State Medical Society. Notice of such appeal shall be in writing, signed by the appellant and shall set forth specific reasons for his appeal. The notice shall be served on The Council of the Michigan State Medical Society and on the appellant's component county society by registered or certified mail, addressed to the respective secretaries thereof. Unless notice of appeal is so served within fifteen days following the service on the member of a copy of the order of the suspension or expulsion as herein above provided, such member's right of appeal and review shall be conclusively treated as having been waived, and the order of suspension or expulsion shall thereupon become final and effective. On receiving notice of appeal, the component county society shall forward to The Council of the Michigan State Medical Society the complete record of the matter, including copies of the order appealed from, all reports of the ethics committee, formal complaint, answer, transcript of testimony, exhibits and all other pertinent writings and data on which the order of suspension or expulsion was based. The Council shall thereupon transmit such record, together with notice of appeal, to the Committee on Ethics of the Michigan State Medical Society for consideration, study and report thereon. The Committee on Ethics shall promptly study and review such record on appeal and may request the component county society or the apellant to furnish such further information in writing as the committee deems necessary for the proper and full review of the matter. Written arguments may be filed with the Committee on Ethics by the component county society and the appellant within thirty days following notice of appeal. Upon conclusion of its study and review of the record, the Committee on Ethics shall make a report in writing to The Council of the Michigan State Medical Society, and shall include in such report all its findings concerning the record and the merits of the appeal, and its recommendations in relation thereto. The Council shall after filing of such report review the record on appeal, written arguments and recommendations of the Committee on Ethics and decide by a majority vote to affirm, modify or reverse the order of expulsion or suspension appealed from, or remand the matter for further action by the component county society. A copy of such decision shall be promptly served on the appropriate component county society and on the appellant by registered or certified mail. Unless within twenty days after service on them of a copy of such decision the component county society or the appellant shall take an appeal to the Judicial Council of the American Medical Association, the right to such further appeal and review will be conclusively treated as having been waived, and the decision of The Council of the Michigan State Medical Society shall be final and effective.

Sec. 15. *Appeal to Judicial Council of American Medical Association.* The appellant, if he was a member in good standing of the American Medical Association at the date of his alleged misconduct, may take a final appeal from the decision of The Council of the Michigan State Medical Society to the Judicial Council of the American Medical Association.

Sec. 16. *Exception to Procedures.* Any member of a component county society whose license to practice medicine shall have been revoked or suspended, or who shall have been convicted of a felony in any state or federal court may be summarily expelled from his component county society without benefit of or resort to the procedures prescribed in this chapter. In recognition of the legal right of a person to appeal from such revocations, suspensions or convictions, no such summary expulsion shall be effective until the order revoking or suspending license to practice medicine or the judgment convicting of a felony shall have become final and effective.

Sec. 17. *Effect of Suspension or Expulsion.* Whenever a member of any component county society is suspended or expelled from such society, he shall thereby also stand automatically suspended or expelled from the Michigan State Medical Society.

Sec. 18. *Construction.* Procedures under this chapter of the bylaws shall be as summary as may be reasonable. No investigation or proceeding hereunder shall be held invalid by reason of any non-prejudicial irregularity or for any error not resulting in a miscarriage of justice. The provisions of this chapter shall be liberally construed for the maintenance of the dignity, integrity, purposes and high principles of this society and its component county societies, and shall apply to all pending matters of misconduct as far as may be practicable and to all future matters, notwithstanding the alleged misconduct occurred prior to the adoption of the provisions of this chapter as part of the Bylaws of the Michigan State Medical Society.

CHAPTER 7—GRIEVANCES OF NON-MEMBERS-MEDIATION COMMITTEES

Sec. 1. *Policy.* One of the responsibilities of this Society and of its component county societies is to foster friendly and harmonious relations between the medical profession and the public. To implement such policy, there shall be established within each component county society a standing committee designated as the Mediation Committee. The councillors of the respective districts of the MSMS within which a component county society is situated shall be eligible to membership on such committees.

Sec. 2. *Purposes.* The purposes of such committee shall be:

(a) To afford the public an informal means of making known to the profession any alleged grievance arising from a physician-patient relationship.

(b) To resolve misunderstandings between physician and patient or between the component county society and the public.

(c) To reconcile differences between physician and patient by means of persuasion and explanation.

(d) To assist the ethics committee of its component

county society in maintaining among members high levels of professional deportment.

Sec. 3. *Duties and Powers.* It shall be the duty and authority of such committee to:

(a) Receive, hear, examine, investigate and consider complaints from members of the public arising from a physician-patient relationship.

(b) Adopt rules governing the performance of its functions; provided, such rules are not inconsistent with the applicable provisions of these bylaws.

(c) Invite response and cooperation from any member of its component county society involved in such complaint. The unexcusable failure of a member to respond to and cooperate with the committee shall be deemed misconduct for which discipline may be exacted in the manner provided in Chapter 6 of these bylaws.

(d) Initiate investigative procedures in the manner provided in Chapter 6 of these bylaws whenever the committee has reasonable ground to believe that a member has been guilty of any conduct for which discipline is provided in these bylaws.

(e) Carry out to the best of its ability the declared purposes of such committee within the means hereby specified and limited.

Sec. 4. *Limitation of Powers.* As between the complainant and a member of the component county society, the powers of the committee shall be limited to efforts promoting understanding or agreement between the parties by means of conciliation. The committee shall not act as a trial body for the purpose of rendering decisions or awards as a substitute for the judgment of a court or any other similar purpose. The committee shall have no power to effect discipline or encroach on the function of the ethics committee of its component county society.

CHAPTER 8—GENERAL MEETINGS

Section 1. During each Annual Session the Society shall hold one or more General Meetings. The number and time of these General Meetings shall be determined by The Council of the Michigan State Medical Society. Such General Meetings shall be presided over by the President or in his absence the President-Elect or the Chairman of The Council. One such meeting shall be called "Officers Night." At this meeting called "Officers Night," the report of the House of Delegates shall be rendered.

Sec. 2. The following shall be the items of business:

1. Call to Order.
2. Announcements and reports of the House of Delegates.
3. Retiring President's annual address.
4. Induction into office of incoming President.
5. Introduction of newly elected officers and elected representatives.
6. Special addresses.
7. Resolutions and motions.

Sec. 3. Each registered member at an Annual Session shall have an equal right to participate in the deliberations of a General Meeting and each Active Member, and Life Member so registered shall have the right to vote on pending questions before the General Meeting.

Sec. 4. At any General Session or at any Section Meeting of this State Society, there may be recommended to the House of Delegates or to The Council the appointment of committees or commissions for scientific investigation of special interest and importance to the profession and the public. Such investigations and reports shall not become official action or expression of this State Society until approved by the House of Delegates or The Council.

CHAPTER 9—HOUSE OF DELEGATES

Section 1. Composition—The House of Delegates shall be composed of Members elected by the Component County Societies. Reports having been properly filed with the Secretary of this Society, each component County Society shall be entitled to send to the House of Delegates each year one delegate for each fifty voting members, active, life and retired, and one delegate for each additional major fraction thereof. Any component County Society having less than fifty members shall be entitled to send one delegate.

Sec. 2. Officers of this State Society and members of The Council shall be ex-officio members of The House of Delegates, and, with the exception of the Speaker and Vice Speaker of The House of Delegates, shall be without power to vote in The House of Delegates. The Past President shall be a member at large of The House of Delegates during the first year of Past-Presidency with right to vote and hold office. All other Past-Presidents shall have the privilege of the floor, without the right to vote.

Sec. 3. The House of Delegates shall transact all of the business of this State Society not otherwise specifically provided for; it shall adopt rules and regulations for its own government and for the administration of the affairs of The Society; it shall provide for the organization of Councilor Districts.

Section 4. The House of Delegates shall meet annually at the time and place of the meeting of this State Society as a whole, as when it meets in General Session, and may hold such number of meetings as the House may determine or its business require, recessing from day to day as may be necessary to complete its business and specifying its own time for the holding of its meetings. The House of Delegates may also be called into session at any time by the Speaker upon a two-thirds vote of The Council, or on petition of twenty-five per cent of the delegates. The purpose of such special sessions shall be stated in the notice to call.

Sec. 5. A Delegate must have been a qualified member of this State Society for at least two years preceding election.

Sec. 6. A Delegate once seated shall remain a Delegate throughout the entire session and for one year thereafter until the next Session of this House of Delegates, and his place shall not be taken by any other Delegate or Alternate, provided that in case of emergency the House of Delegates may seat a duly accredited Alternate from his component County Society. Any Delegate-Elect not present to be seated at the hour of call of the first meeting may be replaced by the accredited Alternate next on the list as certified by the Secretary of the component County Society involved.

Sec. 7. The Secretary of component County Societies shall certify to the Secretary of this State Society the names of Delegates and Alternates who shall represent them at any Annual or Special Session. Each component County Society shall elect Alternate Delegates in equal number to the number of Delegates and designate their seniority.

Sec. 8. A quorum of the House of Delegates shall be constituted by not less than 40 per cent of the accredited Delegates, providing that a majority of such quorum shall not come from any one component County Society.

Sec. 9. The officers of the House of Delegates shall

be a Speaker and Vice Speaker. The Secretary of this State Society, elected by The Council, shall be the Secretary of the House of Delegates. The Speaker and Vice Speaker shall be elected by the House of Delegates at the Annual Session. The Speaker of the House of Delegates shall be a member of The Council and of its Executive Committee with right to vote.

Sec. 10. (a) The House of Delegates is the legislative body of this State Society, and shall have authority to adopt and institute such methods and measures as it may deem most sufficient for the upbuilding and establishing of the interest of the profession in Michigan.

(b) It shall concern itself with and advise as to the interests of the profession and of the public in those matters of legislation pertaining to medical education, medical registration, medical laws and public health.

(c) It shall be active in the education of the public in regard to medical research and scientific medicine.

(d) Delegates and Alternate Delegates to the American Medical Association shall be elected in accordance with the regulations of that parent organization and as hereinafter provided. They shall hold office for two years.

At each annual election, candidates for Delegates to the House of Delegates of the American Medical Association shall be nominated in number equal to or greater than the number to be elected that year. Election shall be by ballot. The required number of high candidates shall be declared elected.

In case of a tie vote of high candidates, the winner, or winners, shall be decided by drawing lots; supervised by the Speaker of the House of Delegates; provided, however, that any candidate thus tied shall have the right to a decision by ballot if he requests same.

The number of Alternate Delegates shall equal the number of Delegates. They shall be elected in exactly the same manner after all Delegates have been elected.

Alternate Delegates shall have relative seniority according to the respective number of votes received by them, and such seniority shall be designated at the time of election. Alternate Delegates serving their second year shall hold seniority over those Alternate Delegates serving their first year in office.

Any vacancies caused by failure or inability of any Delegates to attend shall be assigned to Alternate Delegates in order of their seniority as defined in this section.

(e) It shall have the authority to appoint committees, standing or special, from among its members or other doctors not members of the House of Delegates. Such committees will report to the House of Delegates and their members may participate in the debate upon their committees' report, regardless of membership in the House of Delegates.

(f) It shall approve each action and resolution in the name of this State Society before the same shall become effective. Provided, that in the interim, in the presence of necessity for prompt action, The Council or the Executive Committee of The Council is empowered to act on behalf of this State Society.

(g) It shall elect the Councilors upon the nomination of the Delegates of the Councilor District whose Councilor's term expires, as hereinafter provided.

Component county societies of Councilor Districts shall be notified in writing by the Secretary of the State Society 60 days in advance of the Annual Session when a Councilor is to be elected from their District at the expiration of the usual term.

If a vacancy in The Council occurs during an Annual Session of the Michigan State Medical Society, the delegates of the component county societies will be given time in which to conduct a caucus in order to consider nomination(s) for the vacancy.

(h) The House of Delegates shall provide for the division of the scientific work of the Society into appropriate sections adding new and discontinuing old sections. It shall prescribe the rules governing the meetings of these sections and the election of officers.

(i) It shall present a summary of its proceedings at a General Meeting of the Society and publish its minutes in THE JOURNAL of the Michigan State Medical Society.

(j) It may have the following reference committees, together with Tellers and Sergeant-at-Arms, appointed by the Speaker of the House and approved by the House of Delegates, and such other reference committees as may be necessary from time to time:

1. Credentials.
2. Reports of Council.
3. Reports of Officers.
4. Reports of Standing Committees.
5. Reports of Special Committees.
6. Constitution and Bylaws
7. Resolutions.
8. Rules and Order of Business.
9. Legislation and Public Relations.
10. Hygiene and Public Health.
11. Executive Session.
12. Medical Service and Prepayment Insurance.
13. Emergency Medical Service.
14. Miscellaneous Business:
    Tellers
    Sergeant-at-Arms

(k) No new business shall be introduced in the last meeting of the House of Delegates without unanimous consent of the Delegates except when presented by The Council. All new business so presented shall require three-fourths affirmative vote for adoption.

(l) Election of officers shall be held at the last meeting of the House of Delegates at the Annual Session. Each nomination shall be made from the floor of the House. In the event of having only one nominee, the candidate may be elected by a viva voce vote. Members elected to office shall take office with the induction of the incoming President, as provided in this Constitution and Bylaws.

(m) Each resolution introduced into the House of Delegates shall be in writing and presented in triplicate to the Secretary, immediately after the Delegate has read the same, and shall be referred to the proper reference committee by the Speaker before action thereon is taken.

(n) Robert's Rules of Order, when not in conflict with this Constitution and Bylaws, shall govern the parliamentary proceedings of the House of Delegates.

CHAPTER 10—THE COUNCIL

Section 1. The Council is the Executive Body of this State Society. It shall determine its own time and place of meeting. It shall hold an Annual Meeting at which

time it shall elect to serve for one year its Chairman, Vice Chairman, a Secretary, Chairman of the Finance Committee, Chairman of the County Societies Committee, and Chairman of the Publication Committee; these with the President, the President-Elect, the Speaker and Vice Speaker of the House of Delegates shall constitute the Executive Committee of The Council.

Sec. 2. Each Councilor shall be the organizer, peace maker and censor for his District. He shall visit each component County Society in his District at least once a year and keep in touch with the activities of the societies constituting his District. He shall make such reports as the Chairman of The Council shall request concerning the condition of the profession in that District.

Sec. 3. Upon written complaint of at least half of the Delegates of the Councilor District involved, presented to the House of Delegates, in regular or special session stating that the Councilor of said District has been remiss in his duties as prescribed above, and has been notified a month previously of this proposed action, the Speaker of the House shall bring the matter before the House of Delegates for consideration. On two-thirds vote of the House of Delegates this office shall be declared vacant and a successor elected.

Sec. 4. It shall make careful inquiry into the condition of the profession in each county in the State, and shall have authority to adopt such methods as may be deemed most efficient for building up and increasing the interest in such component County Societies as already exist. It shall especially and systematically endeavor to promote friendly intercourse between Doctors of Medicine in the same locality. It shall make every effort to bring each reputable Doctor of Medicine in the State under the Society's influence.

Sec. 5. It shall, upon application, provide and issue charters to component County Societies organized in conformity with this Constitution and Bylaws. It shall revoke such charters when deemed necessary, as provided in this Constitution and Bylaws.

Sec. 6. The Council shall direct and control the publication of THE JOURNAL of the Michigan State Medical Society.

Sec. 7. The Council shall elect an Editor of THE JOURNAL of the Michigan State Medical Society, and a Treasurer at its annual meeting. They shall take office immediately and serve for a term of one year, or until their successors are elected and have taken office.

Sec. 8. The funds of the Society shall be disbursed only by order or action of The Council. This authority may be delegated to the Executive Committee of The Council by The Council.

Sec. 9. Funds of the Society for investment shall be delivered to the custody of the Treasurer by the Secretary.

Sec. 10. The Council shall provide such headquarters for The Society as may be required to conduct its business properly.

Sec. 11. The Council shall render an Annual Report to the House of Delegates.

Sec. 12. The following County Societies shall constitute the Councilor Districts of the State. Wayne County shall constitute four Councilor Districts without permanent set boundaries within that County.

First District—Wayne

Second District—Clinton, Eaton, Hillsdale, Ingham, Jackson

Third District—Branch, Calhoun, St. Joseph

Fourth District—Allegan, Berrien, Cass, Kalamazoo, Van Buren

Fifth District—Barry, Ionia-Montcalm, Kent, Ottawa

Sixth District—Genesee, Shiawassee

Seventh District—Huron, Sanilac, Lapeer, St. Clair

Eighth District—Gratiot-Isabella-Clare, Midland, Saginaw, Tuscola

Ninth District—Grand Traverse-Leelanau-Benzie, Manistee, Northern Michigan (Antrim, Charlevoix, Cheboygan and Emmet, combined), Wexford-Missaukee

Tenth District—Alpena-Alcona-Presque Isle, Bay-Arenac-Iosco, North Central Counties (Otsego, Montmorency, Crawford, Oscoda, Roscommon, Ogemaw, Gladwin and Kalkaska, combined)

Eleventh District—Mason, Mecosta-Osceola-Lake, Muskegon, Newaygo, Oceana

Twelfth District — Chippewa-Mackinac, Delta-Schoolcraft, Luce, Marquette-Alger

Thirteenth District—Dickinson-Iron, Gogebic, Houghton-Baraga-Keweenaw, Menominee, Ontonagon

Fourteenth District—Lenawee, Livingston, Monroe, Washtenaw

Fifteenth District—Macomb, Oakland

Sixteenth District—Wayne

Seventeenth District—Wayne

Eighteenth District—Wayne

CHAPTER 11—STANDING COMMITTEES

Section 1. The following Standing Committees shall be appointed by the President with the advice of The Council:

(a) Committee on Postgraduate Medical Education

(b) Committee on Preventive Medicine and its Sub-Committees

(c) Committee on Public Relations and its Sub-Committees

(d) Committee on Ethics

(e) Committee on Legal Affairs

(f) Committee on Mediation

Sec. 2. The Committee on Postgraduate Medical Education shall consist of a Chairman and twelve members, four of whom shall be appointed each year to serve for a three-year term.

The duty of this committee shall be to supervise for the

Michigan State Medical Society all postgraduate medical training in the State and, with the approval of the Executive Committee of The Council, make any changes, additions or discontinuances of present programs and initiate such new programs as they deem advisable.

Sec. 3. Committee on Preventive Medicine shall consist of its Chairman, the State Health Commissioner, and Chairmen of the following committees:

Committee on Rheumatic Fever Control

Committee on Maternal Health

Committee on Venereal Disease Control

Committee on Tuberculosis Control

Committee on Industrial Health

Committee on Mental Health

Committee on Child Welfare

Committee on Geriatrics

Committee on Postgraduate Medical Education

Such other committees as may, from time to time, be appointed to study and develop programs dealing with specific diseases.

The duty of this committee shall be to collect, analyze and distribute information on preventive medicine, and to advise medical and other groups or individuals concerning problems in preventive medicine and public health.

Sec. 4. The Committee on Public Relations shall be appointed by the President. It shall be the duty of this committee: (a) to integrate and publicize all approved plans and projects emanating from The Council, the Executive Committee, and other Standing and Special Committees of the Michigan State Medical Society; (b) to consider all plans and projects, and make suggestions and recommendations for improving or changing such plans for integration and publicizing; (c) to develop further plans for better physician-public contacts. The President shall appoint such Sub-Committees of this committee as are required in the execution of its work.

Sec. 5. The Committee on Ethics shall consist of five members including the chairman, appointed by the President with the advice of The Council, each member to serve for a four-year term so staggered that not more than two members are selected annually, and so that no member shall serve more than two consecutive terms. In case a vacancy occurs before the expiration of a member's term, the President shall appoint a successor to serve the unexpired portion of the term.

The Committee shall render advisory opinions on questions of ethics submitted to it by The Council.

Sec. 6. The Committee on Legal Affairs shall consist of a Chairman, the President-Elect of this State Medical Society and the Chairman of The Council of this State Medical Society and members to be appointed by the President.

The Committee on Legal Affairs shall utilize every organized influence of the profession for the promoting of such legislation as will be for the best interests of the public's health and that of scientific medicine. It shall work under the direction of the House of Delegates or The Council when the House of Delegates is not in session. No bill or proposed law or amendment shall be delivered to any member of The Michigan State Legislature for introduction in the name of this State Society or by any of its committees until such proposed legislation shall have been endorsed and approved by The Council. (Provided this latter authority may be delegated to the Executive Committee of The Council by The Council.)

It shall submit an annual report with recommendations to the House of Delegates.

Sec. 7. The Committee on Mediation shall be comprised of not more than seven members appointed by the president with the advice of The Council for terms so fixed that no more than three of them expire during the same year. It shall be the function of the committee (a) to receive, hear, examine, investigate and consider written complaints affecting substantial segments of the public arising from the relationship of the medical profession with such segments of the public of this state; (b) to reconcile differences between the profession and the affected segments of the public by means of persuasion and explanation; and (c) to propose and suggest rules of appropriate procedures for use by mediation committees of component county societies.

CHAPTER 12—OFFICERS

Section 1. Officers shall be installed at the General Meeting at which the reports of the House of Delegates are received. They shall serve until the next Annual Session, provided that Councilors shall serve for five years, and provided further that not more than four Councilor terms shall expire normally at any Annual Session; provided further that Delegates to the American Medical Association shall serve for two years; provided further that not more than four Delegates to the American Medical Association shall be elected in any one year.

Sec. 2. Officers shall serve until their successors are elected and inducted into office.

Sec. 3. At the Annual Session of this State Society, next following his election. The President-Elect shall be installed into and assume the office of the President. He shall serve until his successor takes office. The assumption of office shall occur in a General Meeting of the Society as a whole, at which the report of the House of Delegates is received. If no General Meeting is held at the Annual Session, the induction into office of the Incoming President and the newly elected officers and representative officials shall be in the last meeting of the Annual Session of the House of Delegates.

Sec. 4. The President shall preside at the General Meeting of the Society at which the reports of the House of Delegates are received, and shall fill vacancies in office and committees with the advice of The Council, unless otherwise provided for; he shall appoint the members of each committee not otherwise provided for; he shall deliver the President's address; he shall have a voice in the deliberations of the House of Delegates and he shall be an ex-officio member of The Council with the right to vote.

Sec. 5. The President-Elect shall be a member of The Council and the Executive Committee of The Council ex officio, and shall have the right to vote, and shall act for the President in his absence or disability. If the office of President shall become vacant, the President-Elect shall succeed to the presidency. If the office of President shall again become vacant, The Council, at a Special Session, shall elect a President for the unexpired term.

Sec. 6. The Treasurer shall be the custodian of all the invested funds and the securities of the Society. He

shall be accountable through The Council to the Society. The Council shall cause an annual audit of his accounts to be made. He shall be bonded in amount considered sufficient by The Council, the bond to be paid from the funds of the Michigan State Medical Society.

Sec. 7. The Secretary shall be an active member of the Michigan State Medical Society and shall be paid a salary to be determined by The Council. He shall be the recording officer of the House of Delegates, The Council, Scientific Assembly and Annual Session. He shall be bonded in amount considered sufficient by The Council, the bond to be paid from the funds of the Michigan State Medical Society. He shall also discharge the following duties:

(a) Collect all annual membership dues, assessments, donations and such other monies as may be due to the Society; keep membership records and issue membership certificates.

(b) He shall make all required reports to the American Medical Association. He shall make a report of the proceedings of the House of Delegates to the Annual Meeting of this Society.

(c) He shall deposit all funds received in an approved depository and disburse them upon order of The Council. The Council may delegate the authority for disbursing funds to the Executive Committee of The Council. The Council shall cause an annual audit of his accounts by a certified public accountant. He shall render a report to The Council reviewing the Society's activities and imparting recommendations for the advancement of the Society's interests at each meeting of The Council.

(d) Under the direction of The Council and with the advice of the Editor, he shall be the business manager of THE JOURNAL of the Michigan State Medical Society.

(e) He shall superintend all arrangements for the holding of each meeting in compliance with the Constitution and Bylaws and instructions of The Council or its Executive Committee.

(f) He shall send out all official notices of meetings, committee appointments, certificates of election to office and special duties of committees.

(g) He shall receive and transmit to the House of Delegates and to The Council each committee and officer's annual report.

(h) He shall institute and correlate each new activity under the supervision of The Council or its Executive Committee, and shall work on component County Society integration and furnish information to the public concerning health matters as directed by the President and The Council.

Sec. 8. There shall be an Executive Director, not necessarily a Doctor of Medicine or a member of the Michigan State Medical Society, who shall be appointed by The Council at its Annual Meeting and shall be remunerated by a salary which shall be fixed by The Council.

The Secretary shall, with the approval of The Council, assign duties to the Executive Director as he deems advisable.

Sec. 9. The Speaker of the House of Delegates shall preside at sessions of the House of Delegates. He shall, with the approval of the President, appoint all committees created by the House of Delegates, unless otherwise provided, and shall perform such duties as custom and parliamentary usage require. He shall be a member of The Council and of its Executive Committee with the power to vote.

Sec. 10. The Vice Speaker shall assume the Speaker's duties in the Speaker's absence in the House of Delegates and such other times as the House of Delegates or The Council shall determine.

CHAPTER 13—REFERENDUM

Section 1. At any General or Special Session of this State Society as a whole, as when it meets in General Session, it may by a two-thirds vote order a general referendum upon any question pertinent to the purposes and objects of the Michigan State Medical Society, organized medicine, or health of the public; provided, however, that a quorum at such General or Special Meeting shall consist of 300 members of the Michigan State Medical Society who are in good standing.

Sec. 2. The House of Delegates, by a majority vote may submit any question pertinent to the community and organized medicine to the membership of the Society for its vote, such vote to be taken by County Societies and certified by their secretaries to the State Society Secretary. Two-thirds of the vote cast shall be required to carry the question.

CHAPTER 14—SEAL

Section 1. The Society shall have a common SEAL. The power to change or renew the seal shall rest with The Council.

CHAPTER 15—EMERGENCY

Section 1. When prompt speech and action are imperative, authority to speak and act in the name of this State Society is vested in The Council or the Executive Committee of The Council of this State Society.

CHAPTER 16—DUES

Section 1. The Secretary of each component County Society shall collect and forward the dues and assessments to the Secretary of the Michigan State Medical Society on or before April first of each year.

Sec. 2. Any member in arrears after May 15 of each official year shall stand suspended until his name is properly recorded and his dues and assessments for the current year properly remitted, unless his name is to be submitted for election to one of the special memberships listed in Chapter 5 at the next succeeding Annual Session of the House of Delegates.

Sec. 3. Any component County Society which fails to make the reports required at least thirty days before the Annual Session of this State Society shall be held suspended and none of its members or Delegates shall be permitted to participate in any of the proceedings of the Society or of the House of Delegates.

Sec. 4. During the first year of practice a doctor of medicine who is accepted by a component county society with a reduction in dues shall be eligible for membership in the Michigan State Medical Society by the payment of one-third of the established dues schedule and that, if so accepted, he shall be eligible for a reduction to half of the State Society's dues schedule for the second year of membership; thereafter, he shall be subject to the full fee schedule for dues. This in no way exempts any member from a properly constituted assessment.

CHAPTER 17—ELECTION—COMPONENT COUNTY SOCIETIES

Section 1. At the Annual Meeting of each component County Society or at a designated meeting of which ample notice has been given, each component County Society shall elect Delegates and Alternate Delegates in conformity with the provisions of this Constitution and Bylaws to represent the component County Society in the House of Delegates of this State Society. The Secretary of the component County Society shall immediately send a list of its Delegates and Alternate Delegates to the Secretary of this State Society.

A Delegate, or in his absence, the Alternate Delegate, becomes a member of the House of Delegates when properly registered and seated at the Annual or Special Session following his election by the component County Society.

CHAPTER 18—DEFINITION OF SESSION AND MEETING

Section 1. A session shall mean all meetings at any one call.

Sec. 2. A meeting shall mean each separate convention at any one session.

CHAPTER 19—AMENDMENTS

Section 1. These Bylaws may be amended by a majority vote of the Delegates seated, after the proposed amendment is laid on the table for one meeting of the House of Delegates. These Bylaws become effective immediately upon adoption.

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